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- Annual Report
- Financial Statements
- University of Newcastle Act, 1964 — 1970
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- Officers and Former Officers of the University
- Prizes and Scholarships
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1974

JANUARY
1 Tuesday
Public Holiday — New Year's Day

4 Friday
Last day for lodgement of Re-Enrolment Forms — Continuing Students

14 Monday
Deferred Examinations begin

18 Friday
Last day for lodgement of Applications for Admission from persons resident in Australia who were enrolled in another Australian University in 1973 or who are seeking admission on the basis of examination results which were not available by 1st November, 1973 or who applied to attempt The University of Sydney Matriculation Examination in February 1974.

25 Friday
Deferred Examinations end

28 Monday
Public Holiday — Australia Day

FEBRUARY
8 Friday
Last day for lodgement of applications for residence in Edwards Hall.

22 Friday
New students required to attend the University in person to have their enrolment approved.

25 Monday
Charges applicable may be paid immediately after the enrolment form is approved.

26 Tuesday
Last day for lodgement of enrolment approvals with the Cashier together with appropriate charges, scholarship vouchers, or warrants.

MARCH
4 Monday
FIRST TERM begins

15 Friday
Graduation Day

APRIL
22 Monday
Last day for withdrawal without academic penalty from Type A subjects in the Faculty of Engineering.

12 Friday
Public Holiday — Good Friday

13 Saturday to
16 Tuesday
Easter Recess

25 Thursday
Public Holiday — Anzac Day

MAY
18 Saturday
FIRST TERM ends

JUNE
10 Monday
SECOND TERM begins

14 Friday
Last day for acceptance of applications for examinations.

17 Monday
Public Holiday — Queen's Birthday

JULY
15 Monday
Last day for withdrawal without academic penalty from courses in all faculties, except half year subjects in the Faculty of Engineering.

AUGUST
17 Saturday
SECOND TERM ends
PRINCIPAL DATES

SEPTEMBER

9 Monday  THIRD TERM begins
16 Monday  Last day for withdrawal without academic penalty from Type B subjects in the Faculty of Engineering.

OCTOBER

7 Monday  Public Holiday — Eight Hour Day

NOVEMBER

1 Friday  Third Term Lectures and other classes cease.
9 Saturday  THIRD TERM ends
30 Saturday  Annual Examinations begin

1975

JANUARY

20 Monday  Deferred Examinations begin
31 Friday  Deferred Examinations end

MARCH

3 Monday  FIRST TERM begins

THE UNIVERSITY OF NEWCASTLE
Telephone Newcastle 68 0401

FACULTY OF ECONOMICS & COMMERCE

Dean
Professor M. O. Jager
Sub-Dean
Mr. W. C. Dunlop

DEPARTMENT OF COMMERCE
Head of Department
Professor M. O. Jager

DEPARTMENT OF ECONOMICS
Head of Department
Professor B. L. Johns

DEPARTMENT OF LEGAL STUDIES
Head of Department
Professor K. E. Lindgren

TELEPHONE ENQUIRIES

1974 Enrolments
Telephone enquiries regarding enrolment in 1974 in the Faculty of Economics and Commerce should be directed to Mr. F. C. Hawkins, Faculty Secretary, extension 711 or dial 68 5711.
FACULTY OF ECONOMICS AND COMMERCE

Dean
Professor M. O. Jager

Sub-Dean
Mr. W. C. Dunlop

COMMERCE

Professors
M. O. Jager, B.Com.(Melbourne), A.A.S.A., A.C.A.A.
(Head of Department)
R. L. Watts, B.Com.; M.B.A., Ph.D.(Chicago)

Associate Professor

Senior Lecturers
E. J. Burke, B.Com.(New South Wales), M.A.(Leeds), A.A.S.A.
R. W. Gibbins, B.Com.(Queensland), A.C.A.
M. E. Spautz, A.B., M.A., Ph.D.
(California at Los Angeles)

Lecturers
J. C. Dyer, B.S., B.A.(Rockhurst), M.S.(Kansas), A.A.S.A.
D. S. Karpin, B.Com.(New South Wales), A.A.S.A.
D. J. McKeel, B.Ec.(Sydney), A.A.S.A.
B. P. O'Shea, B.Com.(New South Wales), A.A.S.A.
G. F. Rooney, B.Com., A.A.S.A.(Senior)
I. G. Wallschutzky, B.Com.

Senior Tutor
M. J. Tippett, B.Com.

Tutors
Y. L. Yousef, B.Com.(Ein Shams), M.B.A.(New York),
(Ein Shams), H.Dip.Tax(Alexandria)

Part-time Tutors
O. S. Armstrong, B.Com.
Ellen M. Bray, B.Com.
L. A. Brien, B.Com.
L. J. Caldwell, B.Com., A.A.S.A.(Senior), A.C.I.S.
K. M. Graham, B.Com., A.A.S.A., A.C.I.S.
S. J. Hayward, B.Com.
E. Hokin, B.Com., A.A.S.A., A.C.I.S.
G. J. Leonard, B.Com., F.C.A.
H. Lunney, A.A.S.A., A.C.I.S.
G. T. McCosker, B.Com.
H. S. McKension, B.Com., A.C.A.
G. Mitchell, B.Com., A.A.S.A., A.C.I.S.
D. R. Zimmerman, B.Com.
ECONOMICS

Professors
B. L. Johns, M.A. (Cambridge)
(Head of Department)
C. A. Tisdell, B.Com. (New South Wales),
Ph.D. (Australian National)

Associate Professor
B. L. J. Gordon, M.Ec. (Sydney), Ph.D.

Senior Lecturers
C. J. Aislabie, M.Ec. (Sydney), Ph.D. (London)
I. J. Fairbairn, M.A. (Washington), Ph.D. (Australian National)
W. J. Sheehan, B.Ec. (Sydney), M.A.
P. W. Sherwood, B.Com. (London)

Lecturers
J. C. de Castro Lopo, M.A. (Wisconsin)
N. J. Dickinson, B.Com. (New South Wales)
W. C. Dunlop, B.A. (Auckland)
J. R. Fisher, B.A., Ph.D. (Hull)
P. C. Ip, B.S. (Illinois), Ph.D. (Western Ontario)
S. N. Jacobi, A.B. (Princeton), M.A. (South Carolina)
G. R. Keating, M.Ec. (New England)
Paula R. Nakutis, B.A., Dip.Ed. (New South Wales)
Sudha R. Shenoy, B.A. (Gujarat), B.Sc. (Econ.),
M.A. (Area Studies) (London)
C. W. Stahl, B.A. (California State College), M.A. (California)
P. J. C. Stanton, M.A., Dip.Ed. (Sydney)
V. G. Taylor, B.Ec. (Monash)
B. A. Twohill, B.A.

LEGAL STUDIES

Professor
K. E. Lindgren, B.A. (New South Wales), LL.B. (London),
M.A., Ph.D.

Lecturers
C. S. Enright, LL.B. (Sydney), B.A.
T. Presbury, LL.B. (Sydney)

Senior Tutors
K. W. Hale, B.A. (Queensland)
R. N. Watterson, LL.B. (Sydney)

Part-time Tutors
R. Coolahan, Solicitor (New South Wales)
G. J. Graham, LL.B. (Sydney)
S. E. D. Jolly, A.A.S.A. (Senior), A.C.I.S.
A. B. Mitchell, Solicitor (New South Wales)
W P. Mitchell, B.A., LL.B. (Sydney)
G. W. Williams, B.A., LL.B. (Sydney)
ADMINISTRATIVE STAFF

Vice-Chancellor and Principal

Vice-Principal and Deputy Vice-Chancellor
Professor B. Newton-John, M.A.(Cambridge), F.R.S.A.
(To 5 March 1974)
Professor A. D. Tweedie, M.A.(New Zealand)
(From 6 March 1974)

Deputy Vice-Chancellor

Personal Assistant to Vice-Chancellor
A. Nell Emanuel, B.A.(New South Wales)

Bursar's Division

Bursar
L. W. Harris, A.A.S.A (Senior), A.B.I.A.

Deputy Bursar
L. F. Norberry, A.A.S.A.

Accountant
G. W. Walker, A.A.S.A.

Assistant Bursar — Staff
R. J. Goodbody

Secretary's Division

Secretary
P. D. Alexander, B.A., Dip. Ed.(Sydney)

Student Administration
P. H. Beckett, B.A.(Sydney)

Examinations
Glennie Jones, B.A.(New South Wales)
R. Weir, B.A.

Faculty Secretariat
J. S. Boydell, M.A.(Cambridge)
P. C. Hawkins, B.Com.
Christine Samojlik, B.A.(Sydney)

Publications and Publicity
J. W. Armstrong, B.A.
E. Joan Bale, B.A.(New South Wales)

Statistics and Systems
D. L. Farmer, B.Sc., Dip.Ed.(Sydney)
D. S. Dunlop

Planner's Division

University Planner
Associate Professor E. C. Parker, A.S.T.C., F.R.A.I.A.

Deputy Planner

Staff Architect
W. J. Crook, B.Arch.(New South Wales), A.R.A.I.A.

Assistant Staff Architect
A. Lee, A.S.T.C.

Staff Engineer

Assistant to Staff Engineer
J. D. O'Donohue
ADMINISTRATIVE STAFF

UNIVERSITY COUNSELLING SERVICE

Senior Student Counsellor
A. P. T. Loftus, B.A. (Melbourne), M.A., M.A.Ps.S.

Student Counsellors
B. E. Hazell, M.A. (Sydney), M.A.Ps.S.
(Seconded to the University of the South Pacific)
D. R. Martin, B.A., Dip.Ed. (Sydney), M.A.Ps.S., A.B.Ps.S.
(Temporary Appointment)

OVERSEAS STUDENT ADVISOR

Overseas Student Advisor
Robin Loftus, B.A. (Adelaide)

AMENITIES OFFICE

Amenities Officer
H. Bradford

CAREERS AND STUDENT EMPLOYMENT OFFICE

Careers Officer
H. Floyer, B.Ec. (Sydney)

ADMINISTRATIVE STAFF

COMPUTER CENTRE

Director
J. A. Lambert, B.Sc. (Sydney), M.Sc. (New South Wales), M.B.C.S.

Programmers
M. Capek
R. A. Freak, B.Sc., Dip.Ed. (New England)
F. C. P. Huang, B.Sc. (National University, Taiwan), Ph.D. (Australian National), A.A.I.P.
A. Loo Jansen, B.App.Sc. (Adelaide)
M. Wiseman, B.Sc., Ph.D. (Adelaide)

EDWARDS HALL

Warden
THE LIBRARY STAFF

University Librarian
E. Flowers, M.A. (Sydney), A.L.A.A.

Assistant University Librarian (Technical Services)
M. Elizabeth Guilford, B.A. (New England), A.L.A.A.

Assistant University Librarian (Reader Services)
Joan E. Murray, B.A. (New England), A.L.A.A.

Assistant University Librarian (Acquisitions)
Barbara R. Cook, B.A.; Dip.Lib. (New South Wales), A.L.A.A.

Assistant University Librarian (Serials)
B. Mitcheson, B.A., A.L.A.A.

Assistant Librarians
L. Faidiga, B.A.
Winifred Murdoch, B.Sc. (New England), A.L.A.A.
Mary E. Rabbitt, B.A. (New South Wales), A.L.A.A.
Barbara E. Samoijuk, B.A., A.L.A.A.
Jennifer M. Scobie, B.A., Dip.Ed. (Sydney), A.L.A.A.
C. I. Walsh, B.A. (Western Ontario), Dip.Lib. (New South Wales)

Graduate Library Staff
G. Baxter, B.A.
M. J. Fauchon, B.A.
Janet Fisher, B.A. (Hull)

THE UNIVERSITY OF NEWCASTLE

The University of Newcastle began its existence as the Newcastle University College of the University of New South Wales, then known as the New South Wales University of Technology. The College was formally opened on 3rd December, 1951, and the first students were enrolled in the 1952 academic year. By the University of Newcastle Act of 1964 it became an autonomous institution on 1st January, 1965.

Enrolments in the first year of the College’s existence totalled 370 of whom only five were starting degree courses — the others were seeking a diploma or were converting their diplomas into degrees. In 1954 courses in the Faculty of Arts were offered for the first time. As the New South Wales University of Technology, whose courses were given in the College, had no Faculty of Arts, supervision of these courses was entrusted to the University of New England. This relationship continued until 1959 by which time the New South Wales University of Technology had become the University of New South Wales and was empowered to offer courses in the Faculty of Arts. Enrolments have steadily increased, reaching 1000 in 1960 and 3871 in 1973.

The Newcastle University College was established on the site of the Newcastle Technical College at Tighe’s Hill. In 1960 an area of some 200 acres was acquired at Shortland and building commenced in 1964. The transfer of the University began at the end of 1965. Courses in all faculties are now given on the Shortland Campus.

The University is governed by a Council of twenty-four members. The Chancellor, who acts as chairman, is chosen either within the twenty-four members or from outside, the size of the Council being increased to twenty-five in the latter instance. The Council comprises representatives of the University staff, Convocation, the students, the Legislative Council and the Legislative Assembly; nominees of the Governor; and the Vice-Chancellor, who is the chief executive officer of the University.

THE UNIVERSITY OF NEWCASTLE

The principal academic body in the University is the Senate comprising the Vice-Chancellor, Professors, a representative of each of the Faculty Boards, representatives of the students and certain other \textit{ex officio} members. Teaching and research in each Faculty are supervised by a Faculty Board consisting principally of the permanent academic and teaching staff of the Departments in the Faculty and representatives of the students. A number of Boards of Studies have also been established, each board having the task of integrating or supervising activities in a particular area of interest.

The University is financed by grants from the Australian Government.

MATRICULATION

The By-laws governing matriculation and admission to courses are set out below. The University does not conduct its own matriculation examination but recognises the New South Wales Higher School Certificate Examination and the University of Sydney Matriculation Examination for this purpose.

By-law 5.1 — Matriculation

1. (1) Except as provided in By-law 5.3.3, a candidate, before being admitted to matriculation, shall:

(a) have passed in the New South Wales Higher School Certificate Examination or the University of Sydney Matriculation Examination in at least five recognised matriculation subjects, one of which shall be English and any three of which shall be passed at least at second level; and

(b) have attained in that examination the aggregate of marks prescribed by the Senate from time to time and calculated in the manner determined by the Senate.

(2) The recognised matriculation subjects shall be:

\begin{center}
\begin{tabular}{lll}
English & Greek & Chinese \\
Mathematics & Latin & Japanese \\
Science & French & Hebrew \\
Agriculture & German & Dutch \\
Modern History & Italian & Art \\
Ancient History & Bahasa Indonesia & Music \\
Geography & Spanish & Industrial \\
Economics & Russian & Arts \\
\end{tabular}
\end{center}

(3) Mathematics and Science, both passed as full courses, together shall, for the purpose of sub-section (1) (a) of this section, be counted as three subjects, but otherwise, each shall count as one subject.

(4) The qualification for matriculation must be obtained at one examination.

2. A person who has applied to undertake a course of study as a matriculated student shall upon:

(a) the approval of his admission to a Faculty and the payment of such fees as may from time to time be determined by the Council; and
MATRICULATION

(b) signing the Matriculation Register of the University become a matriculated student of the University and shall be deemed to have accepted the privileges and obligations of membership of the University.

By-law 5.2 — Courses and Degrees
1. The Council may by resolution determine —
   (a) the requirements for courses of study in the University; and
   (b) the requirements for fellowships, scholarships, prizes, exhibitions, degrees and diplomas and the granting thereof.

By-law 5.3 — Admission to Courses
1. (1) A candidate for any first degree of the University shall satisfy the conditions for admission to matriculation set out in By-law 5.1.1 or shall have been admitted to matriculation under section 3 of this By-law before entering on any course for such degree. Compliance with the conditions for admission to matriculation shall not in itself entitle a person to enter upon a course.

   (2) A person who has satisfied the conditions for admission to matriculation may on the payment of such fees as may be determined by the Council from time to time be provided with a statement to that effect.

2. A candidate for any degree shall before entering on the course for that degree have satisfied any special conditions prescribed under By-law 5.2.

3. The Council may, with the advice of the Senate, admit as a matriculated student, under such conditions and with such standing as it may determine, any person who has satisfied the Council that he has reached a standard of education sufficient to enable him to pursue his proposed course.

4. The Council may, with advice of the Dean of the Faculty concerned, permit any person to enrol in a subject or subjects on payment of such fees as may be determined from time to time by the Council: Such a person, not being a matriculated student, shall not have the privileges of a matriculated student and shall not be eligible to proceed to a degree.

MATRICULATION

PREREQUISITES

Although prerequisites are not prescribed, lectures in the following faculties, courses or subjects will be given on the assumption that students will have studied for the New South Wales Higher School Certificate the subjects listed below to the level indicated:—

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<td>APPLIED SCIENCE</td>
<td>Second level Short Course Mathematics and Science including Physics and Chemistry options.</td>
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<tr>
<td>ARCHITECTURE</td>
<td>Second level Short Course Mathematics and Science.</td>
</tr>
<tr>
<td>ARTS</td>
<td>Economics I — Second level Short Course Mathematics.</td>
</tr>
<tr>
<td></td>
<td>English I — Second level English.</td>
</tr>
<tr>
<td></td>
<td>French I — Second level French.</td>
</tr>
<tr>
<td></td>
<td>German I — Second level German.</td>
</tr>
<tr>
<td>ECONOMICS AND COMMERCE</td>
<td>Second level Short Course Mathematics.</td>
</tr>
<tr>
<td>ENGINEERING</td>
<td>Second level Short Course Mathematics and Science including Physics and Chemistry options.</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>Second level Short Course Mathematics.</td>
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<tr>
<td>SCIENCE</td>
<td>Second level Short Course Mathematics and Science.</td>
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PROCEDURES

ENROLMENT

All forms relating to enrolment are obtainable from the Student Administration Office, Room G.63, Building "A".

PERSONS SEEKING ADMISSION TO AN UNDERGRADUATE COURSE

Students seeking admission in the 1974 academic year will be required to lodge an "Application for Admission — 1974" with the Student Administration Office not later than

(a) 5.00 p.m. on Thursday, 1 November, 1973 in the case of:

— PERSONS RESIDENT IN AUSTRALIA who are seeking admission on the basis of qualifications which they already hold at 30 September, 1973;

— PERSONS RESIDENT OUTSIDE AUSTRALIA provided they already possess the results of the examination on which they are relying for admission in 1974.

Persons resident outside Australia whose examination results will not be available by 1 November, 1973 will not be considered for admission in 1974.

(b) 5.00 p.m. on Friday, 18 January, 1974 in the case of:

— PERSONS RESIDENT IN AUSTRALIA who

(i) are seeking admission on the basis of the results of examinations taken after 30 September, 1973;

(ii) in 1973 have been enrolled in another Australian University; or

(iii) have applied to attempt the University of Sydney Matriculation Examination February, 1974.

No guarantee can be given that applications received after the prescribed dates will be considered.

Applications sent by post should be addressed to The Secretary, The University of Newcastle, N.S.W. 2308.

Students proposing to attempt the University of Sydney Matriculation Examination in February, 1974 should indicate on the application for admission the subjects and levels proposed to be offered for examination, and must advise the Secretary of their results as soon as they are known.

Documentary evidence must accompany each application where studies have been carried out at secondary educational institutions outside New South Wales or where previous University studies have been undertaken.

Each student will be advised by letter of the outcome of his application and those accepted will be informed of the procedures to be followed for the completion of enrolment. However, it should be noted that new students will be required to attend the University in person to have their enrolment approved and to pay the charges applicable. The days Friday 22 and Monday 25 February, 1974 have been set aside for this purpose.

PERSONS RE-ENROLLING IN AN UNDERGRADUATE COURSE

Undergraduates re-enrolling will be required to complete a re-enrolment form and lodge it with the Student Administration Office on or before Friday, 4 January, 1974. Students enrolled in 1973 will be sent a re-enrolment form with the advice of their examination results in December.
PROCEDURES

A student who has taken a deferred examination or special examination will be required to lodge a re-enrolment form with the Student Administration Office within one week from the day of publication of the examination results.

Approval of Re-Enrolment
When a student's re-enrolment programme has been approved the authorised re-enrolment form will be posted to the student at his home address unless he indicates that it should be posted to any other address.

PERSONS SEEKING READMISSION TO AN UNDERGRADUATE COURSE

Any student not enrolled in 1973 who wishes to re-enrol in 1974 should apply to the Student Administration Office for an Application for Readmission form.

DESIGNATION OF STUDENTS

FULL-TIME STUDENTS
A Full-Time Student is a student who enrols in more than half the subjects of a normal first year course and such a student remains classified as a full-time student until the written approval of the Dean of the Faculty is given that he be re-classified as a part-time student. This re-classification would be exceptional.

PART-TIME STUDENTS
A Part-Time Student is either one who enrols in half or less than half of the subjects of a normal first year course or one who enrols in a part-time course. In subsequent years, the enrolment as a part-time student requires the approval of the Dean of the Faculty.

NON-DEGREE STUDENTS
A Non-Degree Student is a student who is permitted to enrol in one or more subjects of a first degree course. Such a person is not eligible to proceed to a degree and cannot enjoy the privileges of a matriculated student. A student enrolled in the Professional Accounting Studies course in the Faculty of Economics and Commerce is classified as a Non-Degree student taking one subject.

CANDIDATES FOR POSTGRADUATE DIPLOMA COURSES

Intending candidates for the Postgraduate Diploma courses in Business Studies, Computer Science, Education and Industrial Engineering will be required to complete an Application To Register Form and lodge it with the Student Administration Office on or before Friday, 18 January, 1974.

Applicants for admission to the Diploma in Psychology are selected biennially. No new candidates will be accepted in 1974.

Each student whose undergraduate studies were undertaken in another University, will be required to provide a full transcript of his academic record with his application.

For further information, intending candidates should consult the entry for the appropriate Diploma course.

CANDIDATES FOR HIGHER DEGREES (DOCTOR OF PHILOSOPHY OR MASTER DEGREES)

Candidates Re-Enrolling
A letter will be sent by the University to each candidate whose re-registration is approved. A higher degree enrolment form will be enclosed with the letter and the candidate will be required to complete the form and return it to the Student Administration Office on or before Friday, 4 January, 1974.

Candidates Registering for the First Time
Doctor of Philosophy or Research Master's Candidate
Candidates wishing to register for the degree of Doctor of Philosophy or a Research Master's degree must lodge an Application to Register Form no later than one month prior to the commencement of the term in which registration is sought.

Dates by which Applications to Register must be Lodged
- Friday, 1 February, 1974
- Friday, 10 May, 1974
- Friday, 9 August, 1974

Course Work Master's Candidates
Candidates wishing to register for a Course Work Master's degree must lodge an Application to Register Form no later than Friday, 18 January, 1974.
PROCEDURES

NON-ACCEPTANCE
A student whose enrolment is not accepted will be notified in writing.

LATE ENROLMENTS
(i) Students who are unable to lodge their Re-Enrolment Form by the prescribed date, shall make written application to the Secretary for an extension of time. This application must be received by the Secretary on or before Friday, 4 January, 1974, otherwise the University reserves the right not to accept the student's enrolment.

(ii) No enrolments will be accepted after 31 March of each academic year without the approval of the Secretary which shall be given only in exceptional circumstances.

(iii) Deferred Examinations
A student who has taken a deferred examination or special examination will be required to lodge an Enrolment Form with the Student Administration Office within one week from the day of publication of the examination results.

“SHOW CAUSE” STUDENTS
Students who, after failure at the annual examinations, are required to “show cause” why they should be allowed to continue in a course will be informed of this fact in writing after notification of examination results in December. Such a student will be provided with a form on which he must state his “show cause” case.

A student who wishes to re-enrol in any subject which he has failed more than once shall be required to show cause why he should be allowed to re-enrol in the subject and must submit a “show-cause” statement with his re-enrolment form.

The student’s “show cause” statement and completed re-enrolment form must be lodged with the Student Administration Office on or before Friday, 4 January, 1974.

UNIVERSITY SKILLS ASSESSMENT
As part of its service to students, the University Counselling Service holds a voluntary half day session in which a variety of skills relevant to university work, such as Reading Speed, Note-Taking, Study Skills etc. are tested. Attendance is voluntary and the results are held in confidence in the Counselling Service. This year it is intended to hold the University Skills Assessment on 15 March (Graduation Day). An evening session will be held for Part-Time students on the same date. Many students derive benefit from later discussing their results with a councillor. Some students are later invited (on the basis of a weak result) to participate in a course designed to overcome their particular difficulty.

ENROLMENT IN CORRECT SUBJECTS
Considerable inconvenience is caused to the University and to the student if he attends classes in a subject in which he has not enrolled. It is essential that the student consider carefully the subjects he is required, or wishes, to enrol in before submitting his Enrolment Form.

WITHDRAWAL FROM COURSE OR SUBJECT REGARDED AS FAILURE
Approval to withdraw from a course or a subject is not automatic. It should be noted that a student is regarded as having failed in a course if he enrolls in it and does not pass the annual examinations—i.e. not sitting for the examination is regarded as not passing the examination (unless withdrawal without penalty has been approved).

A student is required to notify the Secretary to the University in writing of his withdrawal and the withdrawal shall take effect from the date of receipt of such notification in writing. Unless the Dean of his Faculty grants permission to withdraw without penalty, a student who withdraws after the date shown below will be deemed to have failed in the subject or subjects from which he withdraws.

All Faculties except the Faculty of Engineering
Sixth Monday in Second Term

Faculty of Engineering
Type A Subjects
Eighth Monday in First Term

Type AB Subjects
Sixth Monday in Second Term

Type B Subjects
Second Monday in Third Term.
PROCEDURES

AMENDMENTS

Any action taken by a student which involves an amendment to or a variation in his course programme or enrolment status is required to be documented.

A student must formally apply for permission to do any of the following:

(a) completely withdraw from course
(b) withdraw from a subject or subjects
(c) substitute one subject for another
(d) add a subject to existing programme
(e) transfer from F/T to P/T within degree course
(f) transfer from P/T to F/T within degree course
(g) transfer from one degree course to another
(h) transfer from a degree course in one Faculty to a degree course in another Faculty

If the variation sought is not listed above, a brief indication of the nature of the change sought is required.

Notes

1. Exemption in a subject unit or units, the substitution of a unit or units within a subject and exemption from practical work, is the responsibility of the Head of the Department concerned who will authorise such exemption or substitution.

2. Students are reminded that compliance with the degree or Diploma Requirements governing their courses is their responsibility. Approval of a Variation Application does not of itself entitle the applicant to any rights or privileges to which the completion of his previous programme might have entitled him.

HOW TO DOCUMENT WITHDRAWALS AND AMENDMENTS

All withdrawals and amendments should be recorded on a Variation Application Form.

It is essential that students notify the Student Administration of variations in their courses promptly. Automatic approval is not given; the student must have valid and sufficient reasons for making the change and these reasons should be stated on the Variation Form.

Variation Forms are available from the Student Administration Office.

PROCEDURES

CHANGE OF ADDRESS

Students are responsible for notifying the Student Administration Office in writing of any change in their address as soon as possible. A Notification of Change of Address Form should be used. It is available from the Student Administration Office.

Failure to do this could lead to important correspondence or course information not reaching the student. The University cannot accept responsibility if official communications fail to reach a student who has not notified the Student Administration Office of a change of address.

It is essential that all students inform the University of an address for all correspondence from the end of the examination period to the end of the long vacation.

This is particularly important for students intending to travel overseas during this period.

A special form for this purpose will be available in October of each year.

IDENTITY CARDS

Each student wishing to obtain a travel concession, to borrow a book from the Library or to confirm his membership of the Newcastle University Union is required to produce on demand his identity card.

Identity cards will be issued to students at the Student Administration Office and should be available for collection soon after the commencement of First Term. The student will be required to produce his enrolment receipt issued by the cashier before an identity card will be issued to him.

A notice will be displayed on notice boards and inserted in “University News” advising students when identity cards are available for collection.

Loss of Identity Card

If a student loses his identity card he should pay to the University Cashier the sum of 50 cents and present the receipt to the Student Administration Office for the purpose of obtaining a replacement card.

Return of Identity Card

Each student who during the academic year withdraws completely from his course will be required to hand his Identity Card to the Student Administration Office before leaving the University.
PROCEDURES

TRAVEL CONCESSIONS

The various transport authorities provide fare concessions for certain classes of students.
Application forms for these concessions may be obtained at the Student Administration Office.

The Student's Identity Card has to be produced each time a concession is required.

OMNIBUS — Concessions are available to:

(a) students under 18 years of age irrespective of whether they are employed or receive income or remuneration.
(b) students who are 18 but under 30 years of age and who are not in employment nor in receipt of any income or remuneration.
   Note: Income or remuneration includes allowances paid to Colombo Plan students, Public Service trainees, etc. but does not include allowances paid under the Tertiary Allowances Scheme, or to holders of Teacher Education Scholarships or Bursaries granted by the State Bursary Endowment Board.
(c) Concessions are not available to students who are 30 years of age or over; or to married women or ordained clergymen.

TRAIN —

(a) Periodical tickets are available during term to full-time students not in employment nor in receipt of any remuneration.

(b) Daily concession fare tickets are available to part-time students, whether employed or otherwise, for the purpose of travelling to and from classes held in connection with their course of instruction.

(c) Vacation travel concessions are available to students qualifying under (a) above.

AIRCRAFT —

Concession fares for travel overseas, inter-state and intra-state are available under the conditions ruling for the various operating companies.

OST PROPERTY

Inquiries regarding lost property should be directed to the Attendant (Patrol) between 9 a.m. and 5 p.m. Monday to Friday at the Attendants' Office. This office is located in the north-eastern corner of the lowest floor of the Library building and may be reached from the pathway leading from the lower plaza to the footbridge.

CHARGES

GENERAL INFORMATION

COMPLETION OF ENROLMENT

Charges are determined by the University Council and are subject to alteration without notice. The due date for payment of charges for 1974 is 26 February, 1974.

Enrolment is not effective until appropriate charges have been paid. Enrolments will not be accepted after 31 March, 1974 without the Secretary's special written approval. This will be given only in exceptional circumstances.

PAYMENT OF CHARGES

The Entrance fee and General Services fee must be paid in full at the time of enrolment.

Payment by mail is encouraged. Money Orders should be made payable at the Newcastle University Post Office, New South Wales 2308. The Cashier's Office is located on the first floor of the Administration Building. A continuous service will apply from 9.00 a.m. to 4.30 p.m. Monday to Friday throughout the year with the exception of vacation periods when the Cashier's Office will be closed between 12.30 p.m. and 1.30 p.m.

Any alterations to the Cashier's hours during enrolment periods will be published in the press and displayed on selected University notice boards.

SCHOLARSHIP HOLDERS AND SPONSORED STUDENTS

Students holding scholarships or receiving other forms of financial assistance must attach to their authorised enrolment forms submitted to the Cashier, warrants or other forms of documentary evidence that charges will be paid by sponsors. The University looks to sponsors to provide a separate voucher, warrant or letter for each student sponsored.

HIGHER DEGREE CHARGES

General Services Fee

Higher Degree candidates are required to pay the General Services fee, and Entrance fee if applicable. Where the enrolment for a Higher Degree candidate is effective from first or second term, the General Services fee covers a period of registration from the first day of the term to the Friday immediately preceding the first day of first term in the following academic year. Where a Higher Degree candidate
enrols on or after the first day of third term, the General Services fee paid will cover liability in respect of this fee to the end of the long vacation following the next academic year.

1. General Services

(a) Students Proceeding to a Degree or Diploma
All registered students must pay a General Services fee of $52.00 per annum. In addition, students joining Newcastle University Union for the first time, are required to pay an amount of $12.00. These charges must be paid by the prescribed date.

(b) Non-Degree Students
Non-degree students must pay a Union annual fee of $32.00. This fee must be paid by the prescribed date. Non-degree students are not required to pay the General Services fee or the Union Entrance fee.

2. Late Enrolment and Re-enrolment Payments

(a) Late re-enrolment charge where a continuing student fails to lodge an enrolment form with the Student Administration office by the date approved by the Vice-Chancellor $14

(b) Late enrolment charge where a student does not lodge the approved section of the enrolment form with the Cashier by the time approved by the Vice-Chancellor $14

(c) Late payment charge where an application to sit for examination is accepted after closing date $6

(d) Late payment charge if relevant fees under (1) above are not paid within stipulated times approved by the Vice-Chancellor $8

(e) Additional amount payable if relevant fees under (1) above are not paid within an extended time approved by the Vice-Chancellor $6

3. Other

(a) Examination under special supervision, per paper $10

(b) Review of examination results, per subject $8

(c) Statement of matriculation status for non-members of the University $8

(d) Academic statements in excess of six per annum 15c a copy

(e) Replacement of student identity cards 50c each

GENERAL REQUIREMENTS

The University tries to function with a minimum of formal regulations. It is obvious, however, that there must be standard practice throughout the University in such diverse matters as examination procedures and car parking and an acceptance of certain requirements which are described in the following pages.

GENERAL CONDUCT

In accepting membership of the University the student undertakes to observe the by-laws and other requirements of the University. Students are expected to conduct themselves at all times in a seemly fashion. Smoking is not permitted during lectures, in examination rooms or in the University Library. Gambling is forbidden. Members of the academic staff of the University, senior administration officers, and other persons authorised for the purpose have authority, and it is their duty, to check and report on disorderly or improper conduct occurring in the University.

ACADEMIC REQUIREMENTS

The student is responsible for informing himself as to, and for complying with, University requirements, especially the requirements relating to admission and to the award of the degree to which he is proceeding.

NOTICES

Official University notices are displayed on the notice boards and students are expected to be acquainted with the contents of those announcements which concern them.

EXAMINATIONS

A notice board has been placed on the wall opposite the entrance to the Main Lecture Theatre (B01) for the specific purpose of displaying examination timetables and notices concerning all procedural matters pertaining to examinations. Students are specifically requested to be acquainted with the notices periodically displayed thereon.

STUDENT MATTERS GENERALLY

The main notice board is the display point for notices concerning enrolment matters, scholarships, University rules and travel concessions, etc. This notice board is located on the first floor at the top of the main staircase in Building "A".
GENERAL REQUIREMENTS

ATTENDANCE AT CLASSES
Students are expected to be regular and punctual in attendance at all classes in the course or subject in which they are enrolled.

All applications for exemption from attendance at lectures or practical classes must be made in writing to the Head of the appropriate Department. If term examinations have been missed this fact should be noted in the application.

In the case of illness or of absence for some other unavoidable cause a student may be excused by the Head of the appropriate Department for non-attendance at classes.

Applications for exemption from re-attendance at classes, either for lectures or practical work, may only be approved on the recommendation of the Head of the appropriate Department. The granting of an exemption from attendance does not carry with it exemption from payment of fees. Where a student has attended less than 80 per cent. of the possible classes, he may be refused permission to sit for the annual examination in that subject.

OWNERSHIP OF STUDENTS WORK
Unless other arrangements have been agreed upon the University reserves the right to retain at its own discretion the original or one copy of any drawings, models, designs, plans and specifications, essays, theses, or other work executed by students as part of their courses, or submitted for any award or competition conducted by the University.

PARKING OF CARS
TRAFFIC REGULATIONS
1. "Authorised Person" means a person authorised in writing by the Vice-Chancellor for the purposes of these Regulations. "Notice" means a written advice signed by an authorised person on behalf of the Vice-Chancellor.

2. Any student, a member of staff of the University, or other person employed on the University site who wishes to bring a motor vehicle on to the Shortland site shall obtain a University parking permit. Upon receipt of a parking permit sticker the driver will fix this to the top left hand corner of the windscreen or in the case of a motorcycle in a prominent location on the cycle. Vehicles without this sticker may be refused entry to the campus.

3. No person shall park or leave any vehicle on the Shortland site except in places set aside from time to time for parking.

4. A person in charge of a vehicle entering or upon any part of the site shall:
   (a) Stop his vehicle at any manned control point or any other part of the site when signalled to do so by a Patrol Attendant.
   (b) Give to any such officer such information as he may reasonably require.
   (c) Obey any direction a Patrol Attendant may reasonably give in relation to the driving or parking of such vehicle.
   (d) Not drive at a speed greater than 20 m.p.h. or such speed limit as may be indicated by an appropriate sign for that section of road or part of the site.
   (e) Not commit or do any act which would be a breach of any Act or regulation of the State of New South Wales if he were driving or in charge of a vehicle upon a public road.
   (f) Not drive or park a vehicle on any lawn, grassed area, oval, garden, builders access road or undeveloped area of the site.
   (g) Comply with all other directions related to traffic indicated by appropriate signs installed on the site.

5. Any person who contravenes or fails to observe any of the above regulations may be advised in writing by a notice which may be posted or handed to the person or affixed to his vehicle by an authorised person.

6. Any person who contravenes or fails to observe any of these regulations shall be deemed guilty of a breach of regulations and may be dealt with accordingly.

7. The maximum penalty for the time being which may be applied under these regulations shall be the banning from the University site for a period of three months of any vehicle driven by the person concerned.

Note
Application forms for permits may be obtained from the Senior Attendant (Patrol) at the Attendants' Office. This office is located in the north-eastern corner of the lowest floor of the Library building and may be reached from the pathway leading from the lower plaza to the footbridge.
EXAMINATIONS

Examinations and other exercises may be held in any subject and at any time. In the assessment of a student's progress in a University course, consideration will be given to laboratory work and class exercises and to any term or other tests conducted throughout the year. The results of such examinations and class work may be incorporated with those of the annual examinations.

ANNUAL EXAMINATIONS

(Students in the Faculty of Economics and Commerce are referred to material on page 63 of the Faculty of Economics and Commerce Handbook).

A student desiring to sit for an annual examination must lodge an application with the Secretary on the appropriate form by the prescribed date, 14 June, 1974.

A student who, because of religious convictions, would prefer not to sit for an examination on a particular day or particular day of the week should indicate this in writing when lodging his application to sit for examinations. While the University cannot guarantee to meet such requests it will be willing to co-operate where possible.

The cashier is authorised to receive application forms during the three weeks immediately following the prescribed closing date if they are accompanied by a late payment charge of $6.00. Applications submitted more than three weeks after the closing date will not be accepted except with the approval of the Secretary. Where an application is not accepted, the student concerned is not eligible to sit for the examination.

No student is eligible to attend the annual examination in any subject if any portion of fees or other charges due by him is outstanding by the end of the third week of third term.

The annual examinations take place in November-December. Timetables showing the time and place at which individual examinations will be held will be posted on the examinations notice board near the Main Lecture Theatre. Misreading of the timetable will not under any circumstances be an acceptable excuse for failure to attend an examination.

Examinations are conducted in accordance with the following rules and procedure:

(a) Candidates are required to obey any instruction given by a Supervisor for the proper conduct of the examination.

(b) Candidates are expected to be in their places in the examination room not less than ten minutes before the time for commencement of the examination.

(c) No bag, writing paper, blotting paper, manuscript or book, other than a specified aid, is to be brought into the examination room.

(d) No candidate shall be admitted to an examination after thirty minutes from the time for the commencement of the examination.

(e) No candidate shall be permitted to leave the examination room before the expiry of thirty minutes from the commencement of the examination.

(f) No candidate shall be re-admitted to the examination room after he has left it unless during the full period of his absence he has been under approved supervision.

(g) A candidate shall not by any improper means obtain or endeavour to obtain assistance in his work, give or endeavour to give assistance to any other candidate, or commit any breach of good order.

(h) Smoking is not permitted during the course of an examination.

(i) A candidate who commits any infringement of the rules governing examinations is liable to disqualification at the particular examination and if detected at the time, to immediate expulsion from the examination room, and is liable to such further penalty as may be determined.

FURTHER EXAMINATIONS

After completion of the written annual examination papers, a student may be called upon by an examiner to complete further written, practical or oral tests as part of the annual examination. It is therefore important that the Examinations Section be advised of any change in address from that given on the Application for Admission to Examinations.

EXAMINATION RESULTS

Each student will be advised by mail of his examination results. A set of examination results will be offered to the newspapers for publication. No results will be given by telephone.

Examination results may be reviewed for a charge of $8.00 per subject, which is refundable in the event of an error being discovered. Applications for review must be submitted on the appropriate form together with the prescribed review charge by the date notified in the publication of results.
EXAMINATIONS

SPECIAL EXAMINATIONS

Special examinations may be granted according to the conditions contained in By-Law 5.9.3 which states:

5. When a candidate is prevented by illness or by any other serious cause from presenting himself for the annual examination the appropriate Faculty Board may order a special examination for that candidate in the subject or subjects in which he was unable to present himself. The result of a special examination may be graded.

6. When a candidate's studies during the academic year have been gravely hampered by illness or other serious cause, the appropriate Faculty Board upon application being made to the Secretary to the University before the commencing date of the examination supported by medical or other proper evidence may direct the examiners to take the circumstances into account in determining whether or not a special examination should be provided for the candidate in any subject in which he does not pass at the annual examination.

7. When a candidate at the annual examination is to a substantial degree affected by illness during the course of an examination in any subject the appropriate Faculty Board, upon application being made to the Secretary to the University within three days after such examination or within such further period as the Vice-Chancellor may consider reasonable in the circumstances supported by medical or other proper evidence, may direct the examiners in that subject to take the circumstances into account if the candidate does not pass therein in determining whether or not a special examination or test should be provided for him: provided that no such application shall be considered unless the candidate either during or immediately after such examination reports to the supervisor in charge the circumstances relied on in the application.

DEFERRED EXAMINATIONS

Deferred examinations may be granted in the Faculties of Applied Science, Architecture, Engineering, and Mathematics. The examinations will be held in January-February and results will be published in the same manner as for the annual examinations.

ACADEMIC PROGRESS REQUIREMENTS

GENERAL

The University has enacted certain By-laws relating to continuation in a course. The relevant By-laws are set out below.

BY-LAWS

By-law 5.4.1 — Unsatisfactory Progress

1. The Head of a Department in any Faculty may determine that a student taking a subject or course offered by the Department shall be excluded from any examination for which the Department is responsible for any or all of the following reasons:

(a) unsatisfactory attendance at lectures;
(b) failure to complete laboratory work;
(c) failure to complete written work or other assignments;
(d) failure to complete field work.

2. The Faculty Board may review the academic progress of any student enrolled in the Faculty concerned who fails in, or is absent from, or is excluded under section 1 of this By-law from any examination and may determine:

(a) that the student be excluded from further study in a subject;
(b) that the student may enrol in that Faculty only in such subject or subjects as the Faculty Board shall specify; or
(c) that the case be referred to the Admissions Committee if, in the opinion of the Faculty Board, the student should be excluded from a degree course, from the Faculty or from the University.

3. The Admissions Committee, in considering a referral under subsection (c) of section 2 and after giving the student an opportunity to be heard, may determine:

(a) that the student be excluded from a degree course or from the Faculty;
ACADEMIC PROGRESS REQUIREMENTS

(b) that the student shall be permitted to continue his course, subject to such conditions as the Admissions Committee may determine; or

(c) that the case be referred to the Vice-Chancellor with the recommendation that the student be excluded from the University.

4. The Vice-Chancellor may, on the recommendation of the Admissions Committee exclude from the University any student whose academic record in the opinion of the Vice-Chancellor and the Admissions Committee demonstrates the student's lack of fitness to pursue University studies.

By-law 5.4.2 — Show Cause

1. A student shall show cause why he should be allowed to repeat a subject in which he has failed more than once. Failure in a deferred examination as well as the annual examination counts for the purposes of this By-law as one examination.

2. (1) A full-time student shall show cause why he should be allowed to continue a course if all subjects of the first year of his course are not completed by the end of his second year of attendance.

(2) A part-time student shall show cause why he should be allowed to continue a course if all subjects of the first two stages of his course are not completed by the end of his fourth year of attendance.

3. (1) A student who has a record of failure at another University shall show cause why he should be admitted to the University.

(2) A student admitted to a course at the University following a record of failure at another University shall show cause, notwithstanding any other provision in this By-law, why he should be allowed to continue in that course if he is unsuccessful in the annual examinations in his first year of attendance at the University.

4. A student required to show cause shall have his application considered by the Admissions Committee which shall determine whether the cause shown is adequate to justify the student's being permitted to continue his course or to re-enrol as the case may be.

By-law 5.4.3 — Re-Enrolment

1. Any student who has been excluded from a Faculty shall not be allowed to enrol in another Faculty without the permission of the Faculty Board concerned.

2. Any student excluded from a degree course or from a Faculty or from the University may apply after two academic years to the Admissions Committee for re-admission to any such Faculty or to the University. If the Admissions Committee is satisfied that the condition or circumstances of any such student have so changed that there is reasonable probability that he will make satisfactory progress in his studies it may authorise the re-admission of that student under such condition as it may determine.

By-law 5.4.4 — Appeal Against Exclusion

1. A student who is refused permission to enrol under the provisions of section 1 of By-law 5.4.3 may appeal to the Senate.

2. A student who has been excluded from any degree course or from a Faculty or from the University may appeal to the Council.

PROCEDURES

The onus is on a student required to “Show Cause” to take the appropriate action should he wish to re-enrol. Such a student must lodge his “Show Cause” statement and completed re-enrolment form by the date prescribed each year to ensure consideration of his case.
THE LIBRARY

The Library, totalling approximately 240,000 volumes and made up of monographs, pamphlets, serials, microform sets and audiovisual materials, exists to acquire, preserve and make available for use all research materials needed by the staff and students of the University.

There is an almost complete freedom of access to the collections, and students are encouraged and aided to learn how to use, as soon as possible, the Library and its contents. On his first visit to the Library the student is provided with a brochure outlining the Library's resources, its services, such as the copying service, its special facilities, such as the microprint reading room, and its procedure for borrowing.

The Library occupies the central position on the site, next to the Union.

HOURS OF OPENING

During academic year

Monday-Friday 8.30 a.m. to 10.00 p.m. (long vacation excepted)
Saturday and Public Holidays 9.00 a.m. to 5.00 p.m. (all vacations excepted)
Sunday 1.00 p.m. to 5.00 p.m. (all vacations excepted)

The Library is closed for the Easter Weekend, i.e., April 12-16, 1974 inclusive.

During long vacation

Monday, Wednesday, Friday 9.00 a.m. to 5.00 p.m.
Tuesday, Thursday 9.00 a.m. to 7.00 p.m.

UNIVERSITY SERVICES

AMENITIES

The Amenities Office is located in the temporary building adjacent to the main University building.

The Amenities Officer and his Staff assist students in the following fields:

SPORT

The Amenities Officer, Mr. Bradford is liaison officer for all sporting matters between the Sports Union, the University and all outside sporting organisations.

The Amenities Office assists student Sporting Clubs in the arranging of Inter-varsity contests and travel as well as giving help when required at club level.

SPORTING FACILITIES

Administration of all sporting facilities on campus, which at present include four squash courts, two tennis courts and two ovals is the responsibility of the Amenities Office.

An outside basketball court, two further tennis courts and a Field House should be completed during 1974.

NON-COMPETITIVE PASTIMES AND DIVERSIONS

The Amenities Office arranges recreational activities on campus on behalf of the Non-Competitive Pastimes and Diversions Committee for both students and staff.

Classes in Pottery, Keep Fit, Leatherwork and Yoga have been held and further activities are planned.

ACCOMMODATION

The Amenities Office conducts a student accommodation service for students requiring housing and will deal with any accommodation problems which students may encounter while attending the University.

A register is maintained of rooms, flats and private board available in Newcastle. Do not hesitate to use this service which is operated for the convenience of students.

INSURANCE

The Amenities section on behalf of the Sports Union and the Students' Representative Council is responsible for the operation of the Personal Accident Insurance Scheme.
CAREERS AND STUDENT EMPLOYMENT OFFICE

The Careers and Student Employment Office (then the Appointments Office) was established in 1971 primarily to help students obtain information about careers and to assist graduating students to find employment.

Careers Counselling
All new students are invited to consult the Careers and Student Employment Office at some time during their first year at the University. Follow up consultations during second and third years may serve to bring the student to a state of mind where he or she feels confident that his or her chosen career is suitable and within the realms of possibility. The Careers and Student Employment Office would hope to have available or to obtain information for the student in order that by a little research in the early years, frustration and disappointment can be avoided after graduation. Students in the last year or stage of their degree, who may need help in finding suitable employment upon graduation, should consult the Careers and Student Employment Office during the July-September period prior to the final examinations.

Careers Library
1. A section of the Careers Library contains books, periodicals, articles, etc. giving general information about the various professional occupations.
2. Information is gradually being assembled about the manpower requirements of numerous employers — types of graduates needed, educational qualifications for appointment, experience gained, prospects etc.
3. Professional associations are being approached to supply information about the activities of their bodies, conditions of membership and application forms.

Employer Interviews
Some employers have representatives come to the University for the purpose of giving students first hand information about the kinds of graduates recruited, the job involvement, salaries, prospects etc. Students make appointments to interview the representatives singly or in small groups.

Employment Vacancies
Some Government Departments inform the University on a regular basis of vacancies within their organizations, other employers only as specific vacancies occur.
UNIVERSITY SERVICES

CHAPLAINCY SERVICE

A Chaplaincy Service within the University of Newcastle for the benefit of students and members of staff is provided by the Christian Churches of Newcastle.

The service offers personal counselling and guidance, and also assistance in biblical and doctrinal studies. Opportunities for liturgical worship are also provided.

The Chaplains' office is situated on the Lower Ground Floor of the Main Administration Building at Shortland.

The Chaplains are in regular attendance at the University but they may also be contacted at their private addresses.

NAMES AND ADDRESSES OF CHAPLAINS

Anglican
The Reverend Canon E. H. V. Pitcher, M.A.(Sydney), Th.Schol. (Acting Chaplain)
The Rectory, MEREWETHER. Telephone 63 1388

Baptist
The Reverend T. H. Binks, 133 Kemp Street, HAMILTON. Telephone 61 4048

Methodist
The Reverend W. D. Adams, B.A.(Sydney), B.D.(Melbourne) 23 William Street, HAMILTON. Telephone 61 4040

Presbyterian
The Reverend H. F. Kat, B.A., B.D.(Utrecht) 4 Gregory Parade, KOTARA. Telephone 57 1076

Roman Catholic
The Reverend Father G. Teijon, S.T.L.(Avila), B.Litt(Oxford)
St. Joseph's Home, SANDGATE. Telephone 67 1187
OR
The Presbyteyery, SHORTLAND. Telephone 55 9364

UNIVERSITY SERVICES

EDWARDS HALL

Edwards Hall is situated on the University Campus near the southeastern boundary of the Sports Oval, close to the tennis and squash courts and is approximately one mile by road from the University Library. While the Hall is an integral part of the University and as such is subject to the decisions and directions of the University Council, major responsibility for the government of the Hall has been entrusted by Council to a Board of Trustees made up of three Council members, one Senate member, two senior resident students, one resident Subwarden and the Warden. Edwards Hall consists of three buildings, a central amenities building flanked by two identical residential buildings between them providing 222 residential places for students and staff of the University, including 6 positions for residential Subwardens.

The residential fees for 1974 have not been determined at the time of writing but as a guide to prospective applicants, the anticipated residential fees are as follows: Term 1 (11 weeks) $286; Term 2 (10 weeks) $260; Term 3 (12 weeks) $312. The term residential fee entitles a member to a bed/study room, the supply of all bedding and fresh linen, and maintenance of the room and 16 meals a week, being breakfast and dinner each day and lunch on Saturday and Sunday.

Application forms for residence may be obtained from and completed applications returned to the Warden, Edwards Hall, The University of Newcastle N.S.W. 2308. The closing date for applications for residence in 1974 will be February 8, 1974 and applications received after this date will not necessarily be considered.

WARDEN
UNIVERSITY SERVICES

UNIVERSITY COUNSELLING SERVICE STAFF

Senior Student Counsellor — A. P. T. Loftus, B.A (Melbourne), M.A., M.A.Ps.S.

B. E. Hazell, M.A.(Sydney), M.A.Ps.S.
(Seconded to the University of the South Pacific)
(Temporary Appointment)

Secretary — Mrs. Joy Hoesli

UNIVERSITY HEALTH SERVICE

Pending the establishment of a Health Centre, an interim service, located in the Union, functions during term time. The medical officer, Dr. John Raschke attends each Tuesday and Thursday morning and qualified nurses are on duty on the other days.

The service, which is free, is essentially diagnostic and does not undertake continuing treatments.

UNIVERSITY STUDENT LEGAL REFERRAL SERVICE

Students sometimes have problems of a legal nature. As from the beginning of Third Term, 1973, members of the Department of Legal Studies have introduced for a trial period a Student Legal Referral Service. At least one member of the Department will be available on the days and at the times indicated on the Legal Studies Notice Board, to give students, without liability, free legal advice and to explain how and where they may obtain appropriate legal aid and representation.

UNIVERSITY ORGANISATIONS

CONVOCATION

Convocation provides an opportunity for graduates to maintain a positive interest and influence in University affairs. It has the right to discuss and to pronounce an opinion on any matter relating to the University, and to communicate directly with the Council or Senate of its own volition or at the request of either body.

Public meetings at which topics of interest are discussed are conducted by Convocation as well as general meetings. Convocation is controlled through a Standing Committee of 14 elected members including the Chairman, who is called the Warden of Convocation, and the Immediate Past Warden, who is the Deputy Chairman.

Membership is automatic for graduates of this University, and for those graduates of the University of New England and of the University of New South Wales who spent at least three years as students of Newcastle University College; for present and past members of the University Council; and for present full time members of the academic staff and graduate permanent members of the administrative, library and technical staff.

Council may admit as members of Convocation upon payment of a fee determined by Council:

(a) Graduates of other Universities who are resident in the Hunter Valley or North Coast areas; and

(b) such other University graduates as the Council may approve.

Five members of the University Council are elected by Convocation.

OFFICE BEARERS

Warden — Mr. W. G. Derkenne, LL.B.(Sydney), B.A.

Secretary — Mr. E. J. Buckman, B.Sc.(New South Wales), M.Eng.Sc., A.S.T.C., M.I.E.Aust.

Treasurer — Mr. R. W. Gibbins, B.Com.(Queensland), A.C.A.

Immediate Past Warden — Mr. J. P. Talty, B.D.S.(Sydney)
UNIVERSITY ORGANISATIONS

NEWCASTLE UNIVERSITY UNION

The objects of the Union are to provide a common meeting ground and social centre for men and women who are members of the University; to promote the education and the intellectual culture of its members by debates and otherwise and generally, to secure the cooperation of University men and women in furthering the interests of the University.

The Union maintains a fine building on the campus and major extensions during 1973 have increased facilities for members. Such facilities include a complete range of catering services (a liquor licence is anticipated), recreational and common room areas, a reading room, rooms for meetings and functions of all kinds, for 16 m.m film projection, for T.V., and for music practice. A games complex on the lower level provides billiards, table tennis, chess, and music listening outlets. The Student Counsellor is on this lower level whilst a Student Health Centre with a doctor in attendance is located in the main building. The new commercial area includes the Union Shop which provides for the academic needs of members, a University Co-operative Bookshop, an A.U.S. Travel Service and A.U.S. Pharmacy together with premises operated by the Bank of New South Wales. The office of the Students' Representative Council is located within the new extensions, together with Union administrative offices.

Membership of the Union, obligatory for all registered students, is open to graduates, members of the University Council and the permanent staff of the University.

The conduct of the affairs of the Union is vested in the Board of Management comprising:

Two members appointed by the Council of the University
Ten members of the Union (at least two of whom must be graduates) elected by the members of the Union
Two members of the Union who are members of the Students' Representative Council
One member of the Union who is a committee member of the Sports Union
One representative of the staff of the Union elected by the Union Staff and
The Secretary Manager of the Union.

Elections for the Board are held in the month of April.

President — Mr. R. Robinson, B.A.
Secretary Manager — Mr. W. V. Bridgwater
UNIVERSITY ORGANISATIONS

THE UNIVERSITY OF NEWCASTLE COMPANY

The University of Newcastle Company is the Citizen Military Force's Unit affiliated with the University. The Company was formed in 1957 as a Sub-Unit of the University of Technology Regiment which is now called The University of New South Wales Regiment. The current strength of the Company is 100.

The function of the Company is to train graduates and undergraduates for commissioned rank in the C.M.F., and the training designed with this in view, is done on an Infantry basis and consists of:

(a) An Annual Camp for three weeks in February
(b) An optional camp of fourteen days in December
(c) Two weekend bivouacs a year
(d) Parades on Friday nights of two hours duration
(e) Weekend day parades

The training programme is designed to fit in with vacations, examinations, and deferred examinations and there is practically no commitment in third term. Leave is available from...

Members of the University of Newcastle Company are eligible for the following benefits:

- An opportunity to reach commissioned rank in 2-3 years.
- Tax-free pay for all training undertaken.
- Refund of travelling expenses.
- Opportunities for attendance at Regular Army Courses and short time attachments to Army units in Malaysia or New Guinea.
- Free meals and accommodation at camps and bivouacs.
- Free Uniforms.

Enquiries regarding conditions of service, and enlistment procedure should be made at the Training Depot which is in King Street, Newcastle West (opposite Birdwood Park).

OFFICERS AND STAFF

Officer Commanding — Capt. P. Groves
Full-time Staff — WO2 M. Grovenor
S/Sgt. P. Toohey

UNIVERSITY ORGANISATIONS

THE UNIVERSITY OF NEWCASTLE SPORTS UNION

The Sports Union is the student organisation responsible for the promotion and control of sporting activities within the University. All students are automatically members of the Sports Union. There are twenty-six affiliated clubs: Athletics, Australian Rules, Badminton, Men's Basketball, Women's Basketball, Cricket, Fencing, Golf, Men's and Women's Hockey, Mountaineering, Netball, Men's and Women's Rowing, Rugby Union and Rugby League, Sailing, Skiing, Soccer, Softball, Squash, Surfing, Swimming, Scuba, Table Tennis, Taekwon-Do, Tennis, Volleyball, most of which participate in local competitions and send teams to Inter-varsity contests each year. Inter-Faculty Contests conducted throughout the year aim to stimulate friendly rivalry among the various Faculties, and to encourage a higher student participation in sport. Each club has a student representative on the Sports Union Committee, which meets monthly. The Executive consists of the President, Vice-President, Secretary, Treasurer, a representative of the University Council and the Amenities Officer. The Sports Union's annual income is derived from a portion of the General Services Fee and is used to meet such costs as equipment, affiliation fees and Inter-varsity contests.

For outstanding individual performances in sport, the University awards "Blues" each year at the Annual "Blues" Dinner.

The number of constituent clubs is increasing continually, and students interested in participating in any sport are urged to contact the Amenities Officer, Mr. Bradford, or one of the Sports Union Executive for further information. The Sports Union Amenities office is located in the temporary building adjacent to the main University building.

President — Professor R. G. Tanner, M.A.(Melbourne & Cambridge)
Secretary — Mr. P. Hunt
Amenities Officer — Mr. H. Bradford
THE UNIVERSITY OF NEWCASTLE
STUDENTS' ASSOCIATION

All students proceeding to a degree or a diploma are members of the Students' Association.

Included in the General Services fee, which you all pay or have paid for you, is $8.00 subscription to the Newcastle University Students' Association (N.U.S.A.). You are all financial members of this Association and have every right — and a duty to yourselves — to take part in the running of the Association and the administration of its collective assets.

Each year, the Students' Association elects a number of students (22 at present) to the Students' Representative Council. This Council's purpose is:

1. to give money and other aid to the various clubs and societies, including religious, political and social groupings on campus;
2. when needed, to act as the students' voice in submissions to the University administration, the mass media, and various government departments;
3. to work for student welfare. The S.R.C. provides automatic accident insurance cover for students. It is also responsible for various student publications such as OPUS, the student newspaper, the Orientation Handbook, Nimrod, the annual literary magazine and the weekly Bulletin;
4. to implement student association policy on matters academic, political or administrative. N.U.S.A. policy is decided at official lunchtime meetings where all students may attend and vote.

With its various committees, for example, the welfare and education committees, and its officers such as the education campaign director, the travel officer and so on, N.U.S.A. attempts to facilitate as many expressions of cultural activity as possible, as well as organizing action to effect student policy on environment, aboriginal rights, apartheid and so on.

Each year, the Association organizes, with some help, Orientation week and early in July, Autonomy Day, which is the equivalent of Commem., Foundation Day, or similar activities at other universities.

As the Students' Association is a constituent member of the Australian Union of Students, students of the University may take part in the activities of this body. Some of these activities which affect students more directly are the several intervarsity cultural festivals, travel to New Zealand and many countries in Asia, village schemes in Papua/New Guinea, raising money for aboriginal scholarships and World University Service, national campaigns on education, and the national student newspaper, National 'U'.

The Association, via general student meetings, ad hoc committees, and its officers, pursues policy on a wide variety of social, political, educational and welfare activities both internal to the campus and affecting our society as a whole. Frequently, controversial issues are raised and discussed. The ultimate decision on what your Association does, and how your money is spent, depends on all of you. The executive officers of your association are not there to decide policy, but to carry out your decisions.

It is more important than ever that new students help run the association. At the moment too few students do much of the work, and as the older students leave, the new ones must fill the gap or the association will collapse as a functioning unit. How can you help? Come to the general student meetings and vote; vote also in the S.R.C. elections and stand for positions that interest you. In general, try not to be apathetic or disinterested.

President — Mr. D. Wallace
Secretary — Mr. M. Pavlovic
FACULTY OF ECONOMICS AND COMMERCE

INFORMATION FOR NEW UNDERGRADUATES

Students entering the University for the first time may find some of the arrangements different from anything experienced hitherto. However it is important for the student to make himself or herself familiar with the methods of organisation used in the University and the degree courses available. The following reference books will be useful—(1) the University Calendar; this contains all the formal information about the by-laws and regulations governing courses and general organisation; and (2) the Faculty Handbooks: these are issued by each faculty and provide information about degree and subject requirements. Some subjects (e.g., Mathematics, Economics, Psychology) may be taken for more than one degree. Hence students should be sure that they have selected the correct faculty for the type of studies they wish to undertake.

It will be noted that students are free to select from an extensive range of subjects offered in the Faculty of Economics and Commerce and in other Faculties of the University provided the constraints and prerequisite conditions stipulated in the Degree requirements are complied with. Advice regarding the degree structure will be issued to students before enrolment, and provision will be made for academic advice to be available to students throughout their course.

Many students do not finally decide their chosen field of interest until after the first year of study. However, all students have to make a choice of subjects and the choice should be made in the light of the probable direction of their later interests and studies. In particular students who expect to pursue an interest in Industrial Relations should consider including Psychology I and Legal Studies I in their programme. Students who intend to pursue an interest in Accounting are also advised to enrol in Legal Studies I early in their programme.

In order to graduate with a Bachelor of Commerce degree, all students have to pass the four subjects Microeconomics, Economic Statistics I, Accounting I and Macroeconomics. It is necessary to pass Microeconomics before enrolling in any other Economics subject with the exception of Economic History I and Economic Statistics I. A pass in Accounting I is a general prerequisite for subsequent Accounting subjects. A pass in Legal Studies I is a general prerequisite for subsequent Legal Studies subjects.

For part-time students a significant feature of the degree requirements is the number of subjects to be attempted each year. Attention is drawn particularly to conditions 7 & 8 of the Schedule A of the Requirements (see page 67), the effect of which is to limit the number of subjects which may normally be taken by a part-time student to a maximum of three in each year, or not more than two when these subjects are from Group C.

It would be generally unwise for a student to attempt more subjects during the year even where time to attend lectures during the day is granted by employers. Students enrolling in subjects and then finding the demands of their employment too much may have to seek special permission to withdraw from a subject if it is not to be recorded as a failure. Where students feel that their time does not permit a full subject load for a year they are advised to limit their enrolment to a smaller number of subjects. Part-time students who are unable to attend the University during the day are especially advised that they are expected to plan for a minimum of six years for the part-time degree course.

Students requiring advice should seek help from members of the Faculty or the Senior Student Counsellor, Mr. A. T. P. Loftus. Enquiries about enrolment procedures should be directed to the Faculty Secretary, Mr. F. C. Hawkins, or to the Sub-Dean.

PROFESSIONAL RECOGNITION

The Australian Society of Accountants will exempt from the qualifying examination of the Society graduates of the University of Newcastle who hold the Bachelor of Commerce degree and who have included certain specified subjects in their degree programme. The Institute of Chartered Accountants in Australia and the Institute of Chartered Secretaries and Administrators also grant exemption from certain examinations for passes in particular subjects in the degree course or in the Diploma in Business Studies.

Registration as a registered public accountant under the Public Accountants Registration Act, 1943 (N.S.W.) is also available to graduates who have included specified subjects in their Bachelor of Commerce degree programme.

A pass in the subject of Taxation is accepted as a prerequisite for registration as a tax agent by the Tax Agents' Board (N.S.W.).

Examination requirements for advancement to Senior Associate status in the Australian Society of Accountants may be satisfied by including certain subjects in the Diploma in Business Studies, the Bachelor of Commerce (Honours) degree or the Master of Commerce.

Particulars of these various exemptions are set out on notice boards in the Department of Commerce.

Further enquiries and eventual applications for exemption should be directed to the professional associations concerned.
ADVISORY PREREQUISITE FOR ENTRY TO THE FACULTY

In addition to satisfying the matriculation requirements of the University, candidates applying for entry to the Faculty of Economics and Commerce are advised that a pass in Mathematics at the New South Wales Higher School Certificate Examination at least at the second level of the short course or an examination at an equivalent standard in Mathematics is advisable.

Candidates should note that there is no other advisory prerequisite for entry to the Faculty of Economics and Commerce. It is not necessary for candidates applying for entry to have previously studied either Economics or Accounting.

STUDENT PARTICIPATION IN UNIVERSITY AFFAIRS

Provision is made for students to be elected as representatives to departmental meetings in the Departments of Economics, Commerce, and Legal Studies, to the Faculty Board, Faculty of Economics and Commerce as well as to other university bodies. Elections of representatives usually take place early in the first term and students should watch Department notice boards for details of Student Representative Elections.

STUDENT ACADEMIC PROGRESS

All students are reminded of the need to maintain satisfactory progress and, in particular, attention is drawn to By-laws 5.4.1 and 5.4.2. (refer page 41 of this Handbook). The following points on Faculty Board policy should also be borne in mind.

1. The Faculty Board in terms of By-law 5.4.1.2 requires that students shall pass at least one subject in their first year of full-time attendance or in their first two years of part-time attendance.

   Students who fail to meet this requirement shall be referred to the Admissions Committee with a recommendation that they be excluded from the Faculty or from the University.

2. For the purposes of By-law 5.4.2.2. the Faculty Board has determined that at least four subjects be passed at the end of the first two years of full-time attendance or at least five subjects be passed at the end of the first four years of part-time attendance.

3. Faculty Board has further decided in terms of By-law 5.4.1.2. that if in any year following the completion of two years full-time attendance or four years part-time attendance, a student's academic record, since enrollment, includes more failures than passes, then the progress of that student shall be reviewed by the Faculty Board which may determine that such a student shall:
   (a) be permitted to re-enrol only in such subject or subjects as the Faculty Board shall specify
   OR
   (b) be referred to the Admissions Committee with a recommendation for exclusion from the Faculty or from the University.

For the purposes of this section a failure in a repeated subject shall count as a second failure.

Any student who has been recommended to the Admissions Committee for exclusion will have an opportunity to present a case why he should not be excluded.

STUDENT PROBLEMS

Students with problems should feel free to approach any member of the Faculty Board for advice and assistance.

Where the problem clearly lies within the area of responsibility of some particular member of the teaching staff, it is useful to discuss the matter with that member first.

Where a student feels reluctant to be personally identified with representations on some particular matter or is uncertain of the proper procedures to be followed, it is suggested that he discuss his problem in the first instance with the student member/s of the Faculty Board.

When problems arise they should be discussed with members of the teaching staff as soon as practicable.

ASSESSMENT OF EXAMINATION RESULTS

In normal circumstances no contact may be made by or on behalf of a student with a member of the academic staff on the subject of a student's examination script(s) between the date of the examination in question and the official publication of results.

REVIEW OF EXAMINATION RESULTS

Examination results may be reviewed for a charge of $8.00 per subject, which is refundable in the event of an error being discovered. Students are advised that, inter alia, marginal failures are automatically reviewed before publication of results.

Applications for review must be submitted on the appropriate form together with the prescribed review charge by the date notified in the publication of results.
NEWCASTLE UNIVERSITY SOCIETY
OF ECONOMICS AND COMMERCE STUDENTS

This is the Society designed to cater especially for the interests of students studying Economics. Membership is open to all students and staff. Each year an extensive programme of discussions, lectures by prominent visitors, and social events is organised.

The managing committee of the Society is made up of representatives elected from each group (including first year). Enquiries concerning membership should be directed to the representatives of each group early in first term.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF COMMERCE

1. In the Requirements, unless the contrary intention appears, “the Faculty” means the Faculty of Economics and Commerce and “the Faculty Board” means the Faculty Board of the Faculty of Economics and Commerce.

2. The degree of Bachelor of Commerce may be conferred as an ordinary degree or as an honours degree.

3. (a) The Annual Examinations shall normally be held at the end of third term.
   (b) A candidate may be granted a Special Examination in accordance with the provisions of By-law 5.9.3, sections 5, 6 and 7.

4. Except in Accounting IV and Economics IV, the results of successful candidates at Annual and Special Examinations shall be classified: Pass, Credit, Distinction, High Distinction.

5. (a) A candidate may withdraw from a subject or course only by informing the Secretary to the University in writing and the withdrawal shall take effect from the date of receipt of such notification.
   (b) A candidate who withdraws from any subject after the sixth Monday in second term shall be deemed to have failed in that subject unless granted permission by the Dean to withdraw without penalty.

6. A graduate or an undergraduate of another University, University College or other Faculty of the University may be granted standing in recognition of any subject passed in such other University, University College or Faculty, on conditions to be determined by the Faculty Board.

7. (a) To complete a subject qualifying towards the degree, hereinafter called a subject, a candidate shall attend such lectures, tutorials, seminars, laboratory classes and field work and submit such written work as the Department concerned shall require.
   (b) To pass a subject a candidate shall satisfy the requirements of the previous clause and pass such examinations as the Faculty Board concerned shall require.
   (c) Except with the permission of the Faculty Board a subject shall qualify towards a degree for no more than eight years from the year in which it was passed.

8. The minimum time for a course qualifying for an ordinary degree is three years except in those cases where candidates are granted standing.

* Refer to Conditions for Granting of Standing to Graduates of other Universities, University Colleges and Faculties.
9. (a) Candidates for an honours degree shall pass the prescribed qualifying subjects in not more than five years in the case of the full-time course and not more than eight years in the case of the part-time course from the date of first enrolment in the Faculty. The Faculty Board may vary these provisions.

(b) Honours shall be awarded in:
   (i) Economics
   (ii) Accounting
   (iii) Legal Studies

(c) There shall be three classes of Honours; namely—Class I, Class II, and Class III. Class II shall have two divisions; namely—Division I and Division II.

10. (a) Applicants for admission as candidates for honours shall apply to the Head of the Department concerned at the commencement of their second year of full-time studies or their third year of part-time studies, except that the Faculty Board, on the recommendation of the Head of the Department concerned, may admit a candidate at some later year of enrolment in the degree programme.

(b) Prior to entering Economics IV or Accounting IV candidates for honours must pass all the prescribed subjects at a standard prescribed by the Faculty Board on the recommendation of the Head of the Department concerned.

11. (a) To qualify for the degree a candidate shall pass the subjects selected in conformity with the conditions set out in Schedule A to these Requirements.

(b) The qualifying subjects for the degree shall be those listed in Schedule B to these Requirements.

12. In order to provide for exceptional circumstances arising in particular cases, the Senate, on the recommendation of the Faculty Board, may relax any requirement.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF COMMERCE

SCHEDULE A

CONDITIONS GOVERNING SELECTION OF SUBJECTS

THE ORDINARY DEGREE

To qualify for the award of a Bachelor of Commerce Degree a candidate shall pass not fewer than 13 subjects selected in accordance with the following conditions:—


2. Not more than 5 subjects may be selected from the approved Group A subjects;

3. Not fewer than 3 subjects shall be selected from the approved Group C subjects;

4. A student may not enrol in a Group C subject until he has passed the 3 compulsory Group A subjects, viz., Microeconomics, Economic Statistics I and Accounting I;

5. Except with the approval of the Dean a full-time student may not enrol in more than 5 subjects in any one year of the ordinary degree course;

6. Except with the approval of the Dean a full-time student may not enrol in any one year to study in more than 4 subjects when the programme for that year includes 3 subjects from Group C;

7. Except with the approval of the Dean, a part-time student may not enrol in more than 3 subjects in any one year of the ordinary degree course;

8. Except with the approval of the Dean, a part-time student may not enrol in any one year of study in more than 2 subjects when his programme for that year comprises 2 subjects from Group C.
THE HONOURS DEGREE — ACCOUNTING
A candidate for an honours degree shall:
(a) complete all the requirements for the ordinary Bachelor of Commerce Degree before enrolling in Accounting IV*;
(b) select both Accounting IIA and Accounting IIB;
(c) pass Accounting Seminar I and Accounting Seminar II;
(d) select either Accounting IIIA or Accounting IIIB, he may not select both;
(e) pass Accounting IV.
A candidate for honours in Accounting is advised to select in either Year I or Year II, Philosophy I as the approved Arts/Science subject.
* A part-time candidate for honours in Accounting may be permitted to undertake Preliminary Studies for Accounting IV prior to completing all the requirements for the ordinary Bachelor of Commerce degree.

THE HONOURS DEGREE — ECONOMICS
A candidate for an honours degree shall:
(a) complete all the requirements for the ordinary Bachelor of Commerce Degree before enrolling in Economics IV;
(b) pass Economic Statistics II or Statistical Analysis before enrolling in Economics IV;
(c) before enrolling in Economics IV, complete such additional work as the Head of the Department of Economics may prescribe;
(d) Pass two of:
   - International Economics
   - Public Economics
   - Growth and Development
   before enrolling in Economics IV.
(e) pass Economics IV.

THE HONOURS DEGREE — LEGAL STUDIES
A candidate for an honours degree shall:
(a) complete all the requirements for the ordinary Bachelor of Commerce degree before enrolling in Legal Studies IV*;
(b) pass Legal Studies II and either Legal Studies III or Industrial Law before enrolling in Legal Studies IV;
(c) pass Legal Studies IV.
* A part-time candidate for honours in Legal Studies may be permitted to undertake preliminary studies for Legal Studies IV prior to completing all the requirements for the ordinary Bachelor of Commerce degree.

SCHEDULE B
SUBJECTS

GROUP A
Accounting I
Economic History I
Economic Statistics I
Legal Studies I
Microeconomics
One approved Arts/Science subject
Mathematics I or an additional approved Arts/Science subject

GROUP B
Accounting IIA
Accounting IIB
Economic Statistics II or Statistical Analysis
Industry Economics
Labour Economics
Legal Studies II
Macroeconomics
Management Studies
Money and Banking
One approved Arts/Science/Mathematics subject taken at part/Group 2 level

GROUP C
Accounting IIIA
Accounting IIIB
*Auditing
*Computer Applications and Systems
Econometrics I
*Financial Management
*Growth and Development
*History of Economic Thought
Industrial Law
*International Economics
Labour Relations
Legal Studies III
*Marketing
*Mathematical Economics
*Public Economics
*Quantitative Business Analysis
*Securities Analysis
*Sociological Aspects of Management
*Taxation
*Theory of Economic Policy
One approved Arts/Science/Mathematics subject taken at part/Group 3 level

* For the purpose of satisfying the conditions in Schedule A the subjects in Group C indicated by an asterisk shall each count as a half-subject.
Note
Not all subjects listed in Schedule B will necessarily be offered in any one year.

PREREQUISITE CONDITIONS
Before enrolling in any subject listed in the left hand column below, a candidate shall have passed the subjects listed as prerequisites.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting IIA</td>
<td>Accounting I</td>
</tr>
<tr>
<td>Accounting IIB</td>
<td>Accounting I</td>
</tr>
<tr>
<td>Accounting IIIA</td>
<td>Accounting IIA</td>
</tr>
<tr>
<td>Accounting IIIB</td>
<td>Accounting IIB</td>
</tr>
<tr>
<td>Auditing</td>
<td>*Accounting IIA</td>
</tr>
<tr>
<td>Computer Applications and Systems</td>
<td>Macroeconomics</td>
</tr>
<tr>
<td>Econometrics I</td>
<td>Economic Statistics II or Statistical Analysis</td>
</tr>
<tr>
<td>Economic Statistics II and Statistical Analysis</td>
<td>Economic Statistics I</td>
</tr>
<tr>
<td>Growth and Development</td>
<td>Macroeconomics</td>
</tr>
<tr>
<td>History of Economic Thought</td>
<td>Macroeconomics</td>
</tr>
<tr>
<td>Industry Economics</td>
<td>Microeconomics</td>
</tr>
<tr>
<td>International Economics</td>
<td>Macroeconomics</td>
</tr>
<tr>
<td>Labour Economics</td>
<td>Microeconomics</td>
</tr>
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<td>Labour Relations</td>
<td>Labour Economics</td>
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<tr>
<td>Legal Studies II</td>
<td>Legal Studies I</td>
</tr>
<tr>
<td>Legal Studies III</td>
<td>*Legal Studies II</td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>Microeconomics</td>
</tr>
<tr>
<td>Marketing</td>
<td>*Management Studies</td>
</tr>
<tr>
<td>Mathematical Economics</td>
<td>Macroeconomics</td>
</tr>
<tr>
<td>Money and Banking</td>
<td>Microeconomics</td>
</tr>
<tr>
<td>Public Economics</td>
<td>Macroeconomics</td>
</tr>
<tr>
<td>Quantitative Business Analysis</td>
<td>*Management Studies</td>
</tr>
<tr>
<td>Sociological Aspects of Management</td>
<td>*Management Studies</td>
</tr>
<tr>
<td>Theory of Economic Policy</td>
<td>Macroeconomics</td>
</tr>
</tbody>
</table>

* A candidate who has not fulfilled the prerequisite requirements may, on the recommendation of the Head of the appropriate Department be permitted by the Dean to enrol concurrently in the prerequisite subject.

Notes
1. A candidate intending to proceed to Econometrics I is advised to take Statistical Analysis.
2. A candidate wishing to take Mathematical Economics must have his entry approved by the Head of the Department of Economics.

CONTENT OF SUBJECTS FROM OTHER FACULTIES
(ARTS/SCIENCE/MATHEMATICS SUBJECTS)

Provision is made in the degree Requirements for students to attempt approved Arts or Science or Mathematics subjects. Such subjects are those offered for the degrees of Bachelor of Arts or Bachelor of Science or Bachelor of Mathematics, provided the candidate complies with the requirements of the faculties concerned in relation to entry to the subject.

A list of the approved subject areas is shown below:

<table>
<thead>
<tr>
<th>Arts</th>
<th>Science</th>
<th>Mathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>Geology</td>
<td></td>
</tr>
<tr>
<td>Classics</td>
<td>German</td>
<td></td>
</tr>
<tr>
<td>Education</td>
<td>History</td>
<td></td>
</tr>
<tr>
<td>Engineering</td>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td>English</td>
<td>Philosophy</td>
<td></td>
</tr>
<tr>
<td>French</td>
<td>Physics</td>
<td></td>
</tr>
<tr>
<td>Geography</td>
<td>Psychology</td>
<td></td>
</tr>
</tbody>
</table>

An outline of the content of the appropriate subjects may be obtained from the handbooks of the Faculty of Arts, Science, Mathematics and Engineering.
CONDITIONS FOR THE GRANTING OF STANDING TO UNDERGRADUATES AND GRADUATES OF OTHER UNIVERSITIES, UNIVERSITY COLLEGES AND FacULTIES

(Determined by the Faculty Board, Faculty of Economics and Commerce under the powers given to it in Clause 6 of the Requirements for the degree of Bachelor of Commerce).

UNDERGRADUATES

1. The Faculty Board may grant standing to an undergraduate of another university, university college or other faculty of the university in recognition of any subject passed in such other university, university college or faculty on the following conditions:
   a) the subject for which standing is granted shall have a reasonable correspondence with a subject included in the Bachelor of Commerce degree programme of the university;
   b) Such an undergraduate shall not receive standing in more than six subjects, save that in the case of an undergraduate transferring from another faculty in the University of Newcastle, he may be allowed standing for additional subjects in the B.Com. degree course if these subjects are equivalent to subjects already passed in the other faculty.
   c) Such an undergraduate shall not include in his programme for the degree of Bachelor of Commerce any subject which is substantially equivalent to one he has previously passed and for which standing has not been granted.

2. Notwithstanding the provision of section 1(a), an undergraduate of another university, university college or other faculty of the university may be granted standing for a subject not included in the Bachelor of Commerce degree programme of the university, provided that:
   a) he complies with sections 1(b) and 1(c);
   b) he has his proposed course approved by the Faculty Board at the time the concession is granted; and
   c) he does not depart from his approved course without the permission of the Faculty Board.

*3. The Faculty Board may grant standing to an undergraduate of the Faculty of Economics and Commerce of the University of Newcastle in recognition of any subject passed at another university or university college subsequent to the undergraduate's matriculation to the University of Newcastle on the following conditions:
   a) the subject for which standing is granted shall have a reasonable correspondence with a subject included in the Bachelor of Commerce degree programme of the university;
   b) standing shall not be granted for more than five subjects.

* See page 73.

GRADUATES

1. A graduate of another university, university college or other Faculty of this university may be granted standing in recognition of subjects passed in such university, university college or faculty, provided that:
   (i) the subjects for which standing is granted shall have a reasonable correspondence with those included in the Bachelor of Commerce programme of this university;
   (ii) the degree shall not be awarded to a candidate unless he has, whilst enrolled as a candidate for the Bachelor of Commerce degree within the Faculty, passed more than half the total number of subjects required for the degree;
   (iii) a candidate shall not include in his programme for the Bachelor of Commerce degree any subject which is equivalent to part or all of a subject he has passed in a previous degree course and for which standing has not been granted;
   (iv) a candidate seeking standing in more than four subjects must, at the time of his first enrolment in the Bachelor of Commerce degree course, have his programme for the entire course approved by the Faculty Board acting on the recommendation of the Heads of Departments concerned. Subsequent variations in this prescribed programme will require the approval of the Faculty Board, acting on the recommendation of the Heads of Departments concerned.

*4. Notwithstanding the provision of section 3(a), standing may be granted for not more than two subjects not included in the Bachelor of Commerce degree programme of the university.

* An undergraduate wishing to obtain the benefit of these sections must apply to the Dean in writing for approval of a proposed programme before enrolling at the other university or university college. The student must supply full details of the proposed programme. The Dean will consult Heads of Departments about individual subjects and prepare a submission for the Faculty Board. The Faculty Board will determine the extent of the standing to be granted. The approved programme will be specific and will normally be approved for one academic year.
2. A graduate or diplomate of another approved tertiary institution may be granted standing in recognition of subjects passed in such institution, provided that:

(a) if the work for which standing is sought is deemed similar in content and standard to a subject or subjects offered in the Bachelor of Commerce degree course, or which could reasonably be offered in such a course, standing may be granted for not more than six subjects at the time of admission. These subjects may be named or may be unspecified. An applicant seeking standing in more than four subjects must have his programme approved in accordance with Clause I Section (iv) of the conditions for graduates of another university.

(b) in the case of applicants not covered by (a) above, standing may be granted for not more than four unspecified subjects at the time of admission and the applicant may complete the requirements for the B.Com. degree by passing not less than nine subjects selected in accordance with the Requirements for the degree including all compulsory subjects and at least three Group C subjects offered by Departments within the Faculty of Economics and Commerce.

TRANSITIONAL ARRANGEMENTS FOR THE BACHELOR OF COMMERCE DEGREE

The arrangements for transition from the 1972 degree regulations to those of 1973 were incorporated in the Faculty of Economics Handbook, 1973. They are not reproduced here. The 1973 transitional arrangements are still binding upon students who were deemed to have passed in eight or more subjects at the beginning of the 1973 Academic Year.

Certain changes requiring transitional arrangements have been made in 1974 to Schedule B of the degree regulations. The changes are indicated below.

<table>
<thead>
<tr>
<th>SUBJECTS DELETED</th>
<th>SUBJECTS ADDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>GROUP A Economics IE</td>
<td>Microeconomics</td>
</tr>
<tr>
<td>GROUP B Economics IIE</td>
<td>Macroeconomics</td>
</tr>
<tr>
<td>Economics IIF</td>
<td>Industry Economics</td>
</tr>
<tr>
<td></td>
<td>Money and Banking</td>
</tr>
<tr>
<td>GROUP C Economics IIIE</td>
<td>Computer Applications and Systems</td>
</tr>
<tr>
<td>Economics IIIF</td>
<td>Growth and Development</td>
</tr>
<tr>
<td>Economics IIIF</td>
<td>History of Economic Thought</td>
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<td></td>
<td>International Economics</td>
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<td></td>
<td>Mathematical Economics</td>
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<td></td>
<td>Public Economics</td>
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<td></td>
<td>Theory of Economic Policy</td>
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<td></td>
<td>Quantitative Methods</td>
</tr>
<tr>
<td>Quantitative Methods</td>
<td>Quantitative Business Analysis</td>
</tr>
</tbody>
</table>

As a consequence of these deletions and additions special transitional arrangements are needed. They are:

(1) A student who has passed the subject(s) Economics IE, Economics IIE or Quantitative Methods shall be deemed to have passed in Microeconomics, Macroeconomics or Quantitative Business Analysis respectively.

(2) A student who has passed the subject Economics IIF shall be deemed to have passed Industry Economics or Money and Banking which ever was taken as the Economics IIF unit.

(3) A student who has passed the subject(s) Economics IIIE, IIIF or IIIG shall be deemed to have passed the subjects in the 1974 Schedule B having the same titles as the units of the subjects passed.

(4) Where in the 1973 transition arrangements reference is made to a unit of a Group C subject, this may be interpreted as meaning a Group C subject which counts as a half subject.

(5) Where a student has failed in 1973 in any of Economics IIIE, Economics IIIF, Economics IIIC but has obtained not less than 50% of marks awarded in respect of a unit of any such subject the Faculty Board may, on the recommendation of the Head of the Department of Economics grant standing in the equivalent Group C subject which counts as a half-subject.
SUBJECT OUTLINES AND READING LISTS

DEPARTMENT OF COMMERCE

Students are required to submit essays, exercises and, in Accounting I, a practice set, as specified by lecturers and tutors. Class tests may be held during the year. Work completed during the year will be taken into account along with a student's results at the annual examinations.

Failure to submit written work may involve exclusion from examinations.

Note—Essential books which students should possess are marked with an asterisk.

ACCOUNTING I

A course of 2 hours of lectures and a tutorial of 2 hours per week throughout the year.

SYLLABUS

A theoretical analysis of the accounting function in the social structure; accounting as an information system including the classification, recording and verification of financial data with emphasis on control techniques; automatic processing of accounting data and the computer; analysis and interpretation of financial statements; management uses of accounting information; various budgetary controls; an introduction to business finance; a brief survey of the law and practice of the taxation of income derived from Australian sources.

Reading Guide

Anthony, R. N. Management Accounting Principles (Irwin)


Carey, J. L. The Rise of the Accounting Profession Vols. I & II (A.I.C.P.A.)

Chambers, R. J. Accounting and Action (Law Book Co.)

*Colditz, B. T. & Gibbins, R. W. Accounting Perspectives (McGraw-Hill)

*Colditz, B. T., Meigs, W. B. & Johnson, C. E. Australian Accounting: The Basis for Business Decisions (McGraw-Hill)


Goldberg, L. Fitzgerald’s Accounting (Butterworths)

Gole, V. L. Fitzgerald’s Analysis and Interpretation of Financial and Operating Statements (Butterworths)

McRae, T. W. Impact of Computers on Accounting (Wiley)

Marple, R. P. Towards a Basic Accounting Philosophy (N.A.A.)

Musselman, V. A. & Hughes, E. H. An Introduction to Modern Business (Prentice-Hall)


Spiller, E. A. Financial Accounting: Basic Concepts (Irwin)

*Accountancy Exercises (University of Newcastle)

EXAMINATION

Two 3-hour papers.

ACCOUNTING IIA

A course of 2 hours of lectures and a tutorial of 2 hours per week throughout the year.

SYLLABUS

Theory and practice of company accounting; accounting for the formation, reconstruction, amalgamation, take-over, official management, receivership and liquidation of companies; the preparation of holding company and group financial statements; equity accounting; the valuation of shares and goodwill; adjustments for changes in the purchasing power of the unit of measurement; accounting for executorship, hire purchase and instalment-purchase, and lease agreements.

Reading Guide

American Institute of C.P.A’s Accounting Research Studies

Australian Society of Accountants Society Bulletins

Backer, M. (ed.) Modern Accounting Theory (Prentice-Hall)
Note—Essential books which students should possess are marked with an asterisk.

Reading Guide (Cont.)

Baxter, W. T. & Davidson, S. (eds.)
Bowra, R. L. & Clarke, F. L.

Colditz, B. T. Meigs, W. B.
& Johnson, C. E.
Davidson, S. Green, D.,
Horngren, C. T. &
Sorter, G. H.
Gibson, R. W.

*Goldberg, L. (ed.)
Gole, V. L.

Institute of Chartered
Accountants in Australia

*Johnston, T. R.,
Jager, M. O. &
Taylor, R. B.
*Keller, T. F. &
Zeff, S. A. (eds.)
Kenley, W. J.

Lee, L. N. &
McPherson, L. A.

Yorston, Sir Keith,
Smith, E. B. &
Brown, S. R.
Zeff, S. A. &
Keller, T. F. (eds.)

Studies in Accounting Theory
(Foot & Maxwell)
Fitzgerald and Speck: Holding Companies
and Group Accounts in Australia
and New Zealand
(Butterworths)
Australian Accounting: The Basis for
Business Decisions
(McGraw-Hill)
An Income Approach to Accounting
Theory
Prentice-Hall
Disclosure by Australian Companies
(M.U.P.)
Fitzgerald's Accounting
(Butterworths)
Fitzgerald's Analysis and Interpretation of
Financial and Operating Statements
(Butterworths)
Statements on Accounting Practice
The Law and Practice of Company
Accounting in Australia
(Butterworths)
Financial Accounting Theory Vol. II
(McGraw-Hill)
A Statement of Australian Accounting
Principles
(Accountancy Research Foundation)
Consolidated Statements and Group
Accounts
(Law Book Co.)
Advanced Accounting
(Law Book Co.) (Revised 6th ed.)
Financial Accounting Theory: Issues and
Controversies
(McGraw-Hill)
*Accountancy Exercises
(University of Newcastle)
*Companies Act, 1961
(N.S.W. Government Printer)

Note—Essential books which students should possess are marked with an asterisk.

EXAMINATION

Two 3-hour papers.

Students will be permitted to take copies of the Statute referred to in the Reading Guide into the annual examination, provided the copies are not marked otherwise than by underlining.

ACCOUNTING II B

A course of 2 hours of lectures and a tutorial of 2 hours per week throughout the year.

SYLLABUS

Theory and practice of accounting for management control and product costing; the accounting for materials, labour and overhead in the cost accounting cycle; the use of budgets, standards and variance analysis; evaluation of performance; traditional and modern concepts of "cost"; inventory costing and income determination; variable costing; differential costs; distribution cost analysis; capital investment analysis; inventory, quality and production controls.

Reading Guide

Anton, H. R. &
Firman, P. A.

Benston, G. J. (ed.)

Bierman, H. &
Dyckman, T. R.

*Bruns, W. J. &
DeCoster, D. T.

Dickey, R. L. (ed.)

Dopuch, N. &
Birnbeg, J. G.

Hofstede, G. H.

*Horngren, C. T.

Contemporary Problems in Cost
Accounting
(Houghton Mifflin)

Contemporary Cost Accounting and
Control
(Dickinson)

Managerial Cost Accounting
(Collier-Macmillan)

Accounting and its Behavioral
Implications
(McGraw-Hill)

Accountants' Cost Handbook
(Ronald)

Cost Accounting: Accounting Data for
Managerial Decisions
(Harcourt, Brace & World)

The Game of Budget Control
(As. Book Pub.)

Cost Accounting — A Managerial
Emphasis
(Prentice-Hall)
Note—Essential books which students should possess are marked with an asterisk.

Reading Guide (continued)

<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
<th>Publisher</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horngren, C. T.</td>
<td>Cost Accounting — A Managerial Emphasis — Student Guide</td>
<td>(Prentice-Hall)</td>
</tr>
<tr>
<td>Keller, W. &amp; Ferrara, W. L.</td>
<td>Management Accounting for Profit Control</td>
<td>(McGraw-Hill)</td>
</tr>
<tr>
<td>Matz, A. &amp; Curry, O. J.</td>
<td>Cost Accounting — Planning and Control</td>
<td>(South Western)</td>
</tr>
<tr>
<td>Revsine, L.</td>
<td>Replacement Cost Accounting</td>
<td>(Prentice-Hall)</td>
</tr>
<tr>
<td>Rosen, L. S. (ed.)</td>
<td>Topics in Managerial Accounting</td>
<td>(McGraw-Hill)</td>
</tr>
<tr>
<td>Shillinglaw, G.</td>
<td>Cost Accounting — Analysis and Control</td>
<td>(Irwin)</td>
</tr>
<tr>
<td>Solomons, D.</td>
<td>Studies in Cost Analysis</td>
<td>(Irwin)</td>
</tr>
<tr>
<td>Solomons, D.</td>
<td>Divisional Performance: Measurement and Control</td>
<td>(Irwin)</td>
</tr>
<tr>
<td>*Thomas, W. E. (ed.)</td>
<td>Readings in Cost Accounting, Budgeting and Control</td>
<td>(South Western)</td>
</tr>
<tr>
<td>*Accountancy Exercises</td>
<td></td>
<td>(University of Newcastle)</td>
</tr>
</tbody>
</table>

EXAMINATION

Two 3-hour papers.

ACCOUNTING IIIA

A course of 2 hours of lectures throughout the year.

SYLLABUS

Selected contemporary problems in the theory and practice of financial accounting, company and financial reporting and public practice including a study of current approaches to the formulation of accounting theory; governmental and institutional accounting.

Reading List

<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Accounting Association</td>
<td>A Statement of Basic Accounting Theory</td>
</tr>
<tr>
<td>American Institute of C.P.A.’s</td>
<td>Accounting Research Studies</td>
</tr>
<tr>
<td>Backer, M. (ed.)</td>
<td>Modern Accounting Theory</td>
</tr>
<tr>
<td>Barradell, M.</td>
<td>Ethics and the Accountant</td>
</tr>
<tr>
<td>Baxter, W. T. &amp; Davidson, S. (eds.)</td>
<td>Studies in Accounting Theory</td>
</tr>
<tr>
<td>Briloff, A. J.</td>
<td>The Effectiveness of Accounting Information</td>
</tr>
<tr>
<td>Buckley, J. W.</td>
<td>Contemporary Accounting and its Environment</td>
</tr>
<tr>
<td>Burton, J. C. (ed.)</td>
<td>Corporate Financial Reporting: Conflicts and Challenges</td>
</tr>
<tr>
<td>Carey, J. L.</td>
<td>The C.P.A. Plans for the Future</td>
</tr>
<tr>
<td>Chambers, R. J.</td>
<td>Accounting, Evaluation and Economic Behaviour</td>
</tr>
<tr>
<td>*Chambers, R. J., Goldberg, L. &amp; Mathews, R. L.</td>
<td>The Accounting Frontier</td>
</tr>
<tr>
<td>Davidsonson, S., Green, D., Horngren, C. T. &amp; Sorter, G. H.</td>
<td>An Income Approach to Accounting Theory</td>
</tr>
<tr>
<td>Dickerson, R. W. V.</td>
<td>Accountants and the Law of Negligence</td>
</tr>
<tr>
<td>Edwards, E. O. &amp; Bell, P. W.</td>
<td>The Theory and Measurement and Business Income</td>
</tr>
<tr>
<td>Garner, P. &amp; Berg, K. B. (eds.)</td>
<td>Readings in Accounting Theory</td>
</tr>
<tr>
<td>Gilman, S.</td>
<td>Accounting Concepts of Profit</td>
</tr>
</tbody>
</table>

Note—Essential books which students should possess are marked with an asterisk.

80
Note—Essential books which students should possess are marked with an asterisk.

Reading List (continued)

Goldberg, L.
*Goldberg, L.
Hendriksen, E. S.
Jay, W. R. C. & Mathews, R. L.
Johnston, T. R., Jager, M. O. & Taylor, R. B.
Keller, T. F. & Zeff, S. A. (eds.)
*Levy, V. M.
Littleton, A. C.
Mattessich, R.
May, G. O.
Mikesell, R. M. & Hay, L. E.
Moonitz, M. & Littleton, A. C.
Murphy, M. E.
Normanton, E. L.
Norris, H.
Paton, W. A. & Littleton, A. C.
Ross, H.

Concepts of Depreciation
(All Book Co.)
*An Inquiry into the Nature of Accounting
(American Accounting Assn.)
Accounting Theory
(Irwin)
Government Accounting in Australia
(Irwin)
Law and Practice of Company Accounting in Australia
(Butterworths)
Financial Accounting Theory Vol. II
(McGraw-Hill)
Public Financial Administration
(Law Book Co.)
Structure of Accounting Theory
(American Accounting Association)
Accounting and Analytical Methods
(Irwin)
Financial Accounting — A Distillation of Experience
(Macmillan)
Government Accounting
(Irwin)
Significant Accounting Essays
(Prentice-Hall)
Advanced Public Accounting Practice
(Irwin)
The Accountability and Audit of Governments
(Manchester University Press)
Accounting Theory
(Pitman)
An Introduction to Corporate Accounting Standards
(American Accounting Association)
Financial Statements: A Crusade for Current Values
(Pitman)

REVISION

Note—Essential books which students should possess are marked with an asterisk.

Reading List (continued)

Staubus, G. J.
*Storey, R. K.
Vatter, W. J.
Wixon, R. Kell, W. G. & Bedford, N. M. (eds.)
Zeff, S. A. & Keller, T. F. (eds.)

A Theory of Accounting to Investors
(California University Press)
The Search for Accounting Principles
(A.A.C.P.A.)
The Fund Theory of Accounting
(Chicago University Press)
Accountants' Handbook
(Ronald)
Financial Accounting Theory
(McGraw-Hill)

EXAMINATION

Two 3-hour papers.

ACCOUNTING IIIB

A course of 2 hours of lectures throughout the year.

SYLLABUS

Selected contemporary problems in the theory and practice of managerial accounting. Topics studied include the theories of behavioural budgeting, programme budgeting, break-even analysis, direct costing, transfer pricing, the impact of computers on management and general concepts of management accounting.

Reading Guide

Articles are selected from Abacus, The Accounting Review, Journal of Accounting Research, Journal of Business, etc. Text books should not be purchased until the course has commenced. The following list is of text books that are usually consulted.

Anton, H. R. & Firmin, P. A.
Contemporary Problems in Cost Accounting
(Pitman)
Benston, G. J.
Contemporary Cost Accounting and Control
(Dickenson)
Bierman, H.
Topics in Cost Accounting and Decisions
(McGraw-Hill)
Bierman, H. & Dyckman, T. R.
Managerial Cost Accounting
(Macmillan)
Note—Essential books which students should possess are marked with an asterisk.

Reading Guide (continued)
Greene, W. C.  *Case Problems in Management Accounting* (Holt, Rinehart & Winston)
Hofstede, G. H.  *The Game of Budget Control* (Associated Book Publishers)
National Association of Accountants  Research Reports
Parker, R. H.  *Management Accounting: An Historical Perspective* (Macmillan)
Rosen, L. S. (ed.)  *Topics in Managerial Accounting* (McGraw-Hill)
Stedry, A. C.  *Budget Control and Cost Behaviour* (Prentice-Hall—Ford Foundation Series)
Thomas, W. E. (ed.)  *Readings in Cost Accounting Budgeting and Control* (South-Western)

EXAMINATION
Two 3-hour papers.

AUDITING
A course of 2 hours per week throughout the year.

SYLLABUS
The concepts and principles of the audit function; historical and contemporary; the scope and limitations of audit practice; auditing standards; the law relating to company audits and auditors; internal controls, programmes and working papers; audit evidence; statistical applications in auditing; the audit of electronically processed accounting data; audit reports.

Note—Essential books which students should possess are marked with an asterisk.

Reading Guide
Boutell, W. S.  *Contemporary Auditing* (Dickenson)
Carmichael, D. R. & Willingham, J. J.  *Perspectives in Auditing* (McGraw-Hill)
Cooper, V. R. V.  *Manual of Auditing* (Gee & Co.)
Cooper, V. R. V.  *Student's Manual of Auditing* (Gee & Co.)
Holmes, A. W. & Overmyer, W. S.  *Auditing Principles and Procedure* (Irwin)
*Institute of Chartered Accountants in Australia  *Statements on Auditing*
Institute of Chartered Accountants in England and Wales  *Statements on Auditing*
Irish, R. A.  *Auditing* (4th ed. Law Book Co.)
Johnson, J. T. & Brasseaux, J. H.  *Readings in Auditing* (South Western)
Lee, T. A.  *Company Auditing: Concepts and Practices* (Institute of Chartered Accountants of Scotland)
*Mannix, E. F.  *Professional Negligence* (Butterworths)
Mautz, R. K.  *Fundamentals of Auditing* (Wiley)
Meigs, W. B. & Larsen, E. J.  *Principles of Auditing* (Irwin)
Moore, F. E. & Stettler, H. F.  *Accounting Systems for Management Control* (Irwin)
Note—Essential books which students should possess are marked with an asterisk.

Reading Guide (continued)
Stettler, H. F. Systems Based Independent Audits (Prentice-Hall)
Waldron, R. S. Dicksee's Auditing (Gee & Co.)

EXAMINATION
One 3-hour paper.

FINANCIAL MANAGEMENT
A course of 2 hours per week throughout the year.

SYLLABUS
Goals and functions of finance; methods of capital budgeting; cost of capital; risk analysis and capital budgeting; capital structure; dividend policy; management of current assets; short and intermediate term financing; mergers and takeovers; liquidation and abandonment of assets.

Reading Guide
Ayres, F. Mathematics of Finance (McGraw-Hill)
Bierman, H. & Smidt, S. The Capital Budgeting Decision (Macmillan)
*Brigham, E. F., Nantell, T. J., Robey, R. T. & Hawk, S. L. Cases in Managerial Finance (Holt, Rinehart & Winston)
Cohan, B. & Wyman, H. E. Cases in Financial Management (Prentice-Hall)
Flink, S. J. & Grunewald, D. Managerial Finance (Wiley)
Gordon, M. J. The Investment, Financing and Valuation of the Corporation (Irwin)
Johnson, R. W. Financial Management (Allyn & Bacon)
Lerner, E. M. Managerial Finance (Harcourt, Brace & Jovanovich)

Note—Essential books which students should possess are marked with an asterisk.

Reading Guide (continued)
Quirin, G. D. The Capital Expenditure Decision (Irwin)
Samuels, J. M. & Wilkes, F. M. Management of Company Finance (Nelson)
Stapleton, R. C. The Theory of Corporate Finance (Harrap)
Weston, J. F. The Scope and Methodology of Finance (Prentice-Hall)
Wolf, H. A. & Richardson, L. Readings in Finance (Appleton-Century Crofts)

EXAMINATION
One 3-hour paper.

MANAGEMENT STUDIES
A course of 2 hours of lectures and a tutorial of 1 hour per week throughout the year.

(a) PRINCIPLES OF MANAGEMENT

SYLLABUS
Management and its environment; the management functions; planning, organizing, staffing, controlling, directing, innovating, decision making; schools of thought in management theory; traditional, behavioural, quantitative, systems; introduction to specialised areas in management; production management, marketing management, personnel management, financial management.
Note—Essential books which students should possess are marked with an asterisk.

Reading Guide

Albers, H.  
Principles of Management: A Modern Approach  
(Wiley)

Carroll, S. J. (Jr.), Paine, F. T. & Miner, J. B.  
The Management Process: Cases and Readings  
(Macmillan)

*Dale, E.  
Management: Theory and Practice  
(McGraw-Hill)

Dale, E.  
Readings in Management: Landmarks and New Frontiers  
(McGraw-Hill)

Kast, F. & Rosenzweig, J.  
Organisation and Management: A Systems Approach  
(McGraw-Hill)

Koontz, H. & O'Donnell, C.  
Principles of Management: An Analysis of Managerial Functions  
(McGraw-Hill)

Koontz, H. & O'Donnell, C.  
Readings in Management  
(McGraw-Hill)

Miner, J. B.  
The Management Process  
(Macmillan)

Newman, W., Summer, C. & Warren, E. K.  
The Process of Management Concepts, Behaviour and Practice  
(Prentice-Hall)

Schoderbek, P. P.  
Management Systems  
(Wiley)

Wortman, M. & Luthans, F.  
Emerging Concepts in Management  
(Collier Macmillan)

(b) INFORMATION SYSTEMS

SYLLABUS

Computer equipment and its functioning—the Central Processing Unit, Input/Output units. Data and data processing principles—flowcharting and systems analysis, data preparation and capture, files and introductory file maintenance. Programming languages—basic concepts, elementary FORTRAN, elementary COBOL.

Note—Essential books which students should possess are marked with an asterisk.

Reading Guide

Awad, E. M.  
Business Data Processing  
(Prentice-Hall)

Boutell, W. S.  
Computer Oriented Business Systems  
(Prentice-Hall)

*Elliott, C. O. & Wasley, R. S.  
Business Information Processing Systems  
(Irwin)

Ford, D. H.  
Basic FORTRAN IV Programming  
(Irwin)

Fuori, W. M.  
Introduction to the Computer  
(Prentice-Hall)

Martin, E. W. & Perkins, W. C.  
Computers and Information Systems  
(Irwin)

Sanders, D. H.  
Computers in Business  
(McGraw-Hill)

Watters, J.  
COBOL Programming  
(Heinemann)

EXAMINATION

Two 3-hour papers.

MARKETING

A course of 2 hours per week throughout the year.

SYLLABUS

Objectives and policies of managers as influenced by marketing institutions, functions performed, and consumer wants and needs. (Assumes no previous knowledge of marketing).

Case studies will be used extensively throughout the course.

Reading Guide

Cox, K. K. & Enis, B. M.  
Marketing Classics  
(Allyn & Bacon)

Davis, K. R.  
Marketing Management  
(Ronald)

Davis, K. R. & Webster, F. E.  
Sales Force Management  
(Ronald)

Engel, J. F.  
Consumer Behaviour: Selected Readings  
(Irwin)
A course of 2 hours per week throughout the year.

SYLLABUS
Investment risks and returns; fixed-return securities; variable-return securities; structure of the Australian capital market; securities market regulation; sales, earnings and dividend analysis; financial structure; price/earnings ratios; growth stock models; technical analysis of stock trends; the efficient market hypothesis; portfolio management; performance evaluation.

Preliminary Reading
Students are advised that before the beginning of the academic year they should read:—

Graham, B. *The Intelligent Investor* (Harper & Row)

Note—Essential books which students should possess are marked with an asterisk.

Reading Guide (continued)
Gist, R. R. *Marketing and Society* (Holt, Rinehart & Winston)
*Hancock, R. S. & Holloway, R. J.* *The Environment of Marketing Behaviour* (Wiley)
Hansen, H. L. *Marketing Text Techniques and Cases* (Irwin)
Holmes, P. M. *Marketing Research: Principles and Readings* (South Western)
Kotler, P. *Marketing Management* (Prentice-Hall)
*McCarthy, J. E.* *Basic Marketing: A Managerial Approach* (Irwin)
Warner, D. S. *Speaking of Advertising* (McGraw-Hill)

EXAMINATION
One 3-hour paper.

SEcurities analysis
A course of 2 hours per week throughout the year.

SYLLABUS
Investment risks and returns; fixed-return securities; variable-return securities; structure of the Australian capital market; securities market regulation; sales, earnings and dividend analysis; financial structure; price/earnings ratios; growth stock models; technical analysis of stock trends; the efficient market hypothesis; portfolio management; performance evaluation.

Preliminary Reading
Students are advised that before the beginning of the academic year they should read:—

Graham, B. *The Intelligent Investor* (Harper & Row)

Note—Essential books which students should possess are marked with an asterisk.

Reading Guide
Amling, F. *Investments* (Prentice Hall)
Ball, R. E. *Readings in Investments* (Allyn & Bacon)
Edwards, R. D. & Magee, J. *Technical Analysis of Stock Trends* (Magee)
*Francis, J. C.* *Investments: Analysis and Management* (McGraw-Hill)
Frederikson, E. B. *Frontiers of Investment Analysis* (International Text Book Co.)
Hirst, R. R. & Wallace, R. H. *Studies in the Australian Capital Market* (Cheshire)
The Institute of Chartered Financial Analysts *C.F.A. Readings in Financial Analysis* (Irwin)
Jiler, W. L. *How Charts Can Help in the Stock Market* (Commodity Research Publication)
Lerner, E. M. *Readings in Financial Analysis and Investment Management* (Irwin)
Renwick, F. B. *Introduction to Investments and Finance: Theory and Analysis* (Macmillan)
Rose, P. J. *Australian Securities Markets* (Cheshire)
Note—Essential books which students should possess are marked with an asterisk.

EXAMINATION
One 3-hour paper.

SOCIOLOGICAL ASPECTS OF MANAGEMENT
A course of 2 hours per week throughout the year.

SYLLABUS
Organization theory: the development of historical schools of management thought; contributions of the behavioural sciences to understanding organizational behaviour; theory and design of organizational structure; impact of work-flow plans, leadership patterns and control systems upon human behaviour.

Reading List
Argyle, M. The Psychology of Interpersonal Behavior (Penguin)
Brown, W. Organizations (Heinemann)
Katz, D. & Kahn, R. L. The Social Psychology of Organizations (Wiley)
March, J. G. & Simon, H. A. Organizations (Wiley)
*Silverman, D. The Theory of Organisations (Heinemann)
Sofer, C. Organizations in Theory and Practice (Heinemann)

EXAMINATION
One 3-hour paper.

TAXATION
A course of 2 hours per week throughout the year.

SYLLABUS

Reading Guide
Mannix, E. F. Australian Income Tax Leading Cases
Ryan, K. W. (third ed., Law Book Co.)

STATUTES
Income Tax (International Agreements) Act, 1953 (as amended) (Commonwealth Government Printer)
*Accountancy Exercises (University of Newcastle)

EXAMINATION
One 3-hour paper.

Students will be permitted to take copies of the Statutes referred to in the Reading Guide into the annual examination, provided the copies are not marked otherwise than by underlining.
Note—Essential books which students should possess are marked with an asterisk.

QUANTITATIVE BUSINESS ANALYSIS
A course of 2 hours per week through the year.

SYLLABUS
Managerial decision making with the use of quantitative methods: models and model building; algebra and geometry of linear models; linear programming; sensitivity testing and duality; network models and algorithms; integer programming; dynamic programming; quadratic programming; optimization applications; stochastic model concepts; probabilistic dynamic programming; Markov chains; probabilistic inventory models; queuing models; competitive models; and simulation.

Reading Guide
Ackoff, R. L. & Sasieni, M. W.
Bierman, H., Bonini, C. P. & Hausman, W. H.
Boyce, W. E. & Di Prima, R. C.
Buffa, E. S.
Chao, L. L.
*Hadley, G.
Hadley, G.
Horowitz, I.
Kaufmann, A.
Levin, R. I. & Kirkpatrick, C. A.
Miller, D. W. & Starr, M. K.

*Wagner, H. M.

EXAMINATION
One 3-hour paper.

ACCOUNTING SEMINAR I
(See below)

ACCOUNTING SEMINAR II
(See below)

SYLLABUS
The theory and measurement of accounting profit.

1—Additional work required for honours degree in Accounting. Seminars are of 2 hours per week throughout the year.
Reading Guide
Backer, M. (ed.)
Modern Accounting Theory
(Prentice-Hall)

Baxter, W. T. & Davidson, S. (eds.)
Studies in Accounting Theory
(Sweet & Maxwell)

Bedford, N. M.
Income Determination Theory: An Accounting Framework
(Addison Wesley)

Chambers, R. J., Goldberg, L. & Mathews, R. L. (eds.)
The Accounting Frontier
(Cheshire)

Davidson, S., Green, D., Horngren, C. T. & Sorter, G. H.
An Income Approach to Accounting Theory
(Prentice-Hall)

Edwards, E. O. & Bell, P. W.
The Theory and Measurement of Business Income
(California University Press)

Garner, P. & Berg, K. B.
Readings in Accounting Theory
(Houghton Mifflin)

Gilman, S.
Accounting Concepts of Profit
(Ronald Press)

Goldberg, L.
An Inquiry into the Nature of Accounting
(American Accounting Association)

Hansen, P.
The Accounting Concept of Profit
(North Holland Publishing Co.)

Hendriksen, E. S.
Accounting Theory
(Irwin)

Johnston, T. R., Jager, M. O. & Taylor, R. B.
The Law and Practice of Company Accounting in Australia
(Butterworths)

Norris, H.
Accounting Theory
(Pitman)

Parker, R. H. & Harcourt, G. C. (ed.)
Readings in The Concept and Measurement of Income
(Cambridge University Press)

Paton, W. A. & Littleton, A. C.
An Introduction to Corporate Accounting Standards
(American Accounting Association)

Sands, J. E.
Wealth, Income and Intangibles
(University of Toronto Press)

Sterling, R. R.
Theory of the Measurement of Enterprise Income
(University of Kansas Press)

Zeff, S. A. & Keller, T. F. (eds.)
Financial Accounting Theory: Issues and Controversies
(McGraw-Hill)

Note—Essential books which students should possess are marked with an asterisk.

ACCOUNTING IV
(Year IV of the full-time honours degree in Accounting or equivalent part-time stages)

SYLLABUS
(1) Analytical studies and supervised independent research in advanced financial and management accounting with emphasis on contemporary accounting theory and problems; e.g., Accounting IIIA or Accounting IIIB (whichever not taken previously), methodology of accounting theory formation, contemporary accounting thought, international comparisons of accounting methods and theories. Advanced quantitative analysis, and studies in financial reporting.

(2) Research essay.

Note
The Research Essay (one copy only) should normally be submitted by the first day of the third term of the final year.

Reading Guide
American Accounting Association
A Statement of Basic Accounting Theory

American Institute of Certified Public Accountants
Professional Accounting in 25 Countries

Backer, M. (ed.)
Modern Accounting Theory
(Prentice-Hall)

Backer, M. (ed.)

*Bedford, N. M.
Income Determination Theory: An Accounting Framework
(Addison-Wesley)

Berenson, C. & Colten, R.
Research and Report Writing for Business and Economics (Random House)

Berg, K. B., Mueller, G. G. Readings in International Accounting
(Houghton Mifflin)

Berlo, D. K.
The Process of Communication (Holt, Rinehart & Winston)

Bruns, W. G. & De Coster, D. T. (eds.)
Accounting and its Behavioral Implications (McGraw-Hill)
Note—Essential books which students should possess are marked with an asterisk.

Reading Guide (continued)

* Buckley, J. W.

Chambers, R. J.

Accounting, Evaluation and Economic Behaviour
(Prentice-Hall)

Chambers, R. J., Goldberg, L. & Mathews, R. L.

* Chatfield, M.

Deinzer, H. T.

Goldberg, L.

Hendrikson, E. S.

Ijiri, Y.

Mattessich, R.

Moonitz, M. & Littleton, A. C.

Mueller, G. G.

Mueller, G. G.

* Mueller, G. G.

Pattilo, J. W.

Rigby, P. H.

Scott, DR

Sterling, R. R. & Bentz, W. F.

Stone, W. E. (ed.)

Contemporary Accounting and its Environment
(Dickenson)

Accounting, Evaluation and Economic Behaviour
(Prentice-Hall)

The Accounting Frontier
(Cheshire)

Contemporary Studies in the Evolution of Accounting Thought
(Dickenson)

Development of Accounting Thought
(Holt, Rinehart & Winston)

An Inquiry into the Nature of Accounting
(American Accounting Assn.)

Accounting Theory
(Irwin)

The Foundation of Accounting Management
(Prentice-Hall)

Accounting and Analytical Methods
(Irwin)

Significant Accounting Essays
(Prentice-Hall)

Accounting Practices in the Netherlands
(University of Washington)

Accounting Practices in Germany
(University of Washington)

Accounting Practices in Sweden
(University of Washington)

International Accounting
(Macmillan)

The Foundation of Financial Accounting
(Louisiana State University Press)

Conceptual Foundations of Business Research
(Wiley)

The Cultural Significance of Accounts
(Lucas Bros.)

Accounting in Perspective
(South-Western)

Foundations of Accounting Theory
(University of Florida)

Note—Essential books which students should possess are marked with an asterisk.

DIPLOMA IN BUSINESS STUDIES

The requirements for the course leading to the award of the Diploma in Business Studies and the subjects which may be included in this course are set out on pages 151 to 156.

The details of the subjects which follow relate to some of the Group B subjects which may be offered in 1974.

Candidates intending to enrol in the Diploma in Business Studies should, prior to enrolment, ascertain which of the Group B subjects will be offered in 1974. Enquiries should be directed to Mr. Y. L. Yousef, Department of Commerce extension 563 or dial 68 5563.

ACCOUNTING AND FINANCIAL STUDIES

A course of 2 hours of lectures per week throughout the year.

SYLLABUS

The use of accounting information for various decisions. Basic accounting concepts; the double entry technique; preparation of financial statements; analysis and interpretation of financial statements.

Basic cost accounting; management control process, budgeting and budgetary control; standard costing; responsibility accounting; performance evaluation; cost analysis for management decisions including capital expenditure evaluation; capacity utilisation and control, statistical techniques for operational cost control.

Reading Guide

Black, H. A., Champion, J. E. & Brown, R. G.

Cohen, B. J.

Grant, E. L. & Bell, L. F.

Griffiths, N.

Horngren, C. T.

Jaedicke, R. K. & Sprouse, R. T.

Korn, S. W. & Boyd, T.

Accounting in Business Decisions
(Prentice-Hall)

Cost-Effective Information Systems
(A.M.A.)

Basics Accounting and Cost Accounting
(McGraw-Hill)

Australian Business Handbook
(McGraw-Hill)

Cost Accounting — A Managerial Emphasis
(Prentice-Hall)

Accounting Flows: Income, Funds and Cash
(Prentice-Hall)

Accounting for Management Planning and Decision Making
(Wiley)
Note—Essential books which students should possess are marked with an asterisk.

*Moore, C. L. & Jaedicke, R. K. Managerial Accounting (South-Western)
Sizer, J. An Insight into Management Accounting (Pelican)

EXAMINATION
One three-hour paper.

ADVANCED COMPANY LAW
A course of 2 hours of lectures per week throughout the year offered by the Department of Legal Studies.
See Department of Legal Studies, page 138.

ADVANCED TAXATION AND TAX PLANNING
A course of 2 hours of lectures per week throughout the year.
SYLLABUS
The history of income tax in Australia. An intensive study of income tax law and practice as it applies to individuals, partnerships, companies, trusts and superannuation funds, including the study of selected Board of Review decisions and judgments of the Courts. International tax agreements. Case studies in tax planning.

Reading Guide
Adams, P. R. Australian Tax Planning (Butterworths)
Bock, F. C. & Mannix, E. F. Australian Income Tax Law and Practice and Butterworths Taxation Service (Butterworths)
C.C.H. Australia Federal Tax Reporter
Knight, E. S. et al Superannuation Planning in Australia (C.C.H.)
*Mannix, E. F. Australian Income Tax Leading Cases (Butterworths)
*Mannix, E. F. & Harris, D. W. Australian Income Tax Guide (Butterworths)

STATUTES
*Income Tax (International Agreements) Act, 1953, as amended (Commonwealth Government Printer)

EXAMINATION
One 3-hour paper.

Students will be permitted to take copies of the Statutes referred to in the Reading Guide into the annual examination, provided the copies are not marked otherwise than by underlining.

BEHAVIOURAL AND SOCIAL FRAMEWORK IN BUSINESS
A course of 2 hours of lectures per week throughout the year.
SYLLABUS
This course will focus primarily on three main areas of study:
(1) The cultural growth and social value structure of our society within which an organisation typically functions.
(2) The relationships between the firm and its environment; e.g. (i) the public; (ii) organisations and individuals in close contact with the firm.
(3) The multi-dimensional character of issues posed by environmental changes and the restraints acting on the organisation. The making of policy from among feasible alternatives.

Reading Guide
To be announced.

EXAMINATION
Assignments and one 3-hour paper.

COMMERICAL PROGRAMMING
A course of 2 hours of lectures per week throughout the year.
SYLLABUS
Basic concepts of file handling and file maintenance, including file creation and processing.
Flow charting; file merging and updating of transactions; tape blocking and buffering.
Note—Essential books which students should possess are marked with an asterisk.

General run types including editing, searching, and sorting. Direct access versus serial; random or sequential organisation; Rerun techniques; verifying program accuracy; table lookup; program documentation and use of test data.

COBOL as a business data processing and file organisation language.

Extensive practical work in COBOL, including case studies.

**Reading Guide**

- Clifton, H. D. *Systems Analysis for Business Data Processing* (Business Books)
- *Farina, M. V. Cobol Simplified* (Prentice-Hall)
- I.C.L. *1960 Series Cobol Manual*
- *Watters, J. L. Cobol Programming* (Heinemann)

**EXAMINATION**

Two 3-hour papers.

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**LAW OF STAMP, DEATH, GIFT AND ESTATE DUTIES**

A course of 2 hours of lectures per week throughout the year offered by the Department of Legal Studies.

(See Department of Legal Studies, page 137).

**PERSONNEL MANAGEMENT**

A course of 2 hours per week throughout the year.

**SYLLABUS**

Application of behavioural sciences and principles of management to problems of human resources administration in complex organisations, including job analysis, selection, testing, training, development, performance appraisal, job evaluation, wage and salary administration, communications, employee motivation, manpower planning, personnel research, and related topics.

**Reading Guide**

- *Beach, D. S. Managing People at Work — Readings in Personnel* (Macmillan)

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**CORPORATE STRATEGY**

A course of 2 hours of lectures per week throughout the year.

**SYLLABUS**

An integrating course with a general management point of view. Includes evaluation, determination, implementation and administration of policies of the business enterprise. The course utilizes case studies and a computerized business policy game.

**Reading Guide**

- Argenti, J. *Corporate Planning* (George Allen & Unwin)
- Broom, H. M. *Business Policy and Strategic Action* (Prentice-Hall)
- *Cotter, R. V. The Business Policy Game* (Appleton—Century—Crofts)
- Eells, R. & Clarence Walton *Conceptual Foundations of Business* (Irwin)
- Learned, E. P. et al. *Business Policy Text and Cases* (Irwin)
- *Newman, W. H. & Logan, J. P. Strategy, Policy and Central Management* (South-Western)

**EXAMINATION**

One 3-hour paper.
Note—Essential books which students should possess are marked with an asterisk.

Calhoon, R. P.  
*Famularo, J. J.  
Ginsberg, E.  
Guion, R.  
Miner, J. B.  
Miner, M. G.  
Odiorne, G. S.  
Stagner, R. & Rosen, H.  
Stainer, G.  
Wasmuth, W. J. et al  
Yuill, B. & Polites, G.

**EXAMINATION**

One 3-hour paper.

**RESEARCH ESSAY**

All students enrolled for the Research Essay are required to attend a course in Research Methodology which will be offered for 1 hour per week during Term 1.

The Research Essay (one copy only) should normally be submitted by the first day of the third term.

**Reading Guide**

*Rigby, P. H.

*Berenson, C. & Coulton, R.

*Rigby, P. H.

**SYSTEMS ANALYSIS AND DESIGN**

A course of two hours of lectures per week throughout the year.

**SYLLABUS**

Basic approach to planning for a computer; systems concepts and theory.

Pre-installation planning; documenting current applications; design of new applications; conversion problems and implementation; programme development; testing of programmes; programme documentation.

Case studies will be used extensively through the course.

**Reading Guide**

Chandor, A., Graham, J., & Williams, R.  
Clifton, H. D.  
Daniels, A., & Yeates, D.  
*Glans, T. B., Grad, B., Holstein, D., Meyers, W. E. & Schmidt, R. N.  
Hare, Van Court  
Optner, S. L.  
Orilia, L., Stern, N. B., & Stern, R. A.  
Weiss, E. A.

**EXAMINATION**

One 3-hour paper.
MICROECONOMICS

This subject deals with the theory of value and distribution. The course begins with a brief introductory account of the major problems of economics and the methods of economic analysis. It then reviews the theory of individual and market demand. After an analysis of the production function and costs of production, it examines the theory of firms' price and output policies in different market situations, paying attention to the results of both theoretical and empirical studies. The final section is concerned with the analysis of pricing and employment of factor services.

Preliminary Reading

Reading Guide
*Breit, W. & Hochman, H. M. Readings in Microeconomics (2nd ed. Holt, Rinehart & Winston 1971)
Clower & Due Microeconomics (Irwin 1972)
Kamerschen, D. R. Readings in Microeconomics (Wiley 1969)
Mansfield, E. Microeconomics — Selected Readings (Norton 1971)
Reynolds, Lloyd G. Microeconomics Analysis and Policy (Irwin 1973)
Shows, E. Warren & Burton, Robert H. Microeconomics (Heath 1972)

* Recommended for purchase.

ECONOMIC STATISTICS I

This is an introductory course aimed at giving students an understanding of the more basic statistical methods used in business and economics. The course commences with an examination of the place of, and need for, statistics in a modern society and the collection, classification and presentation of statistical data. Methods of describing statistical data, including measures of central tendency and measures of dispersion are then dealt with.

Other topics include simple linear regression and correlation, the analysis of time series, including trend and seasonal variation and the computation of index numbers. There is also an introduction to the theory of probability and to sampling and sampling errors.

Provisions exist for in depth treatment by those students who seem likely to specialise in the statistics field.

Preliminary Reading
Moroney, M. J. Facts from Figures (Pelican)

Reading Guide
Shao, S. P. Statistics for Business and Economics (Merrill)
Yamane, T. Statistics—An Introductory Analysis (Harper)

* Recommended for purchase.
ECONOMIC HISTORY I

Economic History I is designed to introduce the first year student to the history of economic development on a worldwide scale. Basic economic theory and principles, historical and modern, are examined and utilised throughout the course. The first half of the year is largely concerned with an analysis of pre-industrial economies and societies, concentrating on the gradual change in Western Europe which culminated in the Industrial Revolution in Britain. The second half of the course deals with the impact of industrialisation on the international economy of the nineteenth century.

**Preliminary Reading**

Cipolla, C. M. *The Economic History of World Population* (Penguin 1970)


**Reading Guide**

Hohenburg, P. *A Primer on the Economic History of Europe* (Random House 1968)


*The purchase of one book from each group is recommended.

MACROECONOMICS

The course deals with the determination and measurement of the levels of income, employment and economic activity. Models of closed systems are introduced and the connections between the major aggregate economic variables are outlined. This part includes consideration of the factors bearing on two major components of aggregate demand, consumption and investment, as well as those influencing aggregate supply. The external sector and the government sector are incorporated in the lectures. The emphasis is on short-run models of aggregate economic behaviour. (3 hours lectures and tutorials per week).

**Reading Guide**

*Ackley, G. Macroeconomic Theory (Macmillan 1961)

Barrett, N. S. The Theory of Macroeconomic Policy (Prentice-Hall 1972)

Bober, D. Economics of Cycles and Growth (Wiley 1967)


Gensermer, B. & Shapiro, E. Macroeconomic Analysis, A Student Workbook (Harcourt, Brace Jovanovitch Inc. 1970)

Keiser, N. F. Macroeconomics (Random House 1971)


Keynes, J. M. General Theory of Employment, Interest and Money (Macmillan)


*Shapiro, E. Macroeconomic Analysis (2nd ed. Harcourt, Brace & World 1970)

Shapiro, E. ed. Macroeconomics, Selected Readings (Harcourt, Brace & World 1970)

* Recommended for purchase.

MONEY AND BANKING

Major aspects of monetary theory, policy and institutions are studied. The following topics are among those considered: the demand for money; the relationship of the real and monetary sectors of the economy; the economics of domestic banking; central banking; techniques of monetary control; supply of money analysis; banking, financial institutions and monetary policy in Australia and other selected economies; international aspects of money, banking and finance.
STATISTICAL ANALYSIS

The first part of this course is concerned with elementary mathematical statistics. This section includes work on probability density functions and their application in statistical inference. In the second part of this course a study is made of the General Linear Normal Regression Model. The third part of this course involves an examination of the utilisation of Input-Output Analysis.

Preliminary Reading


Shao, S. P.  Statistics for Business and Economics (Merrill)

Reading Guide

*Chao, L. L.  Statistics: Methods and Analyses (McGraw-Hill)


Yamane, T.  Statistics: An Introductory Analysis (Harper & Row)

* Recommended for purchase.
INDUSTRY ECONOMICS

This course is designed to deepen and broaden some microeconomic principles previously acquired and to provide application of these principles to the problems of industrial structure and organisation with particular reference to Australian industry. As such, some of the subjects dealt with would include: an extended analysis of the theory of the firm, including examination of firm objectives, corporate investment behaviour, the practicalities of investment rate of return forecasting, oligopoly pricing theories and practices, barriers to entry, limit pricing and reactions to potential entry, product differentiation and the economics of advertising, the rationale and control of market collusion and restrictive practices, the characteristics and impact of international corporation and demand cost and pricing policies in such other sectors as, for example, public enterprise and retailing.

Reading Guide

Caves, R. E.  
*American Industry: Structure, Conduct, Performance*  
(2nd ed. Prentice Hall 1967)

Cohen, K. & Cyert, R.  
*Theory of the Firm*  
(Prentice Hall)

George, K. D.  
*Industrial Organization*  
(George Allen & Unwin 1971)

Mansfield, E.  
*The Economics of Technological Change*  
(Longman 1969)

Needham, D.  
*Economic Analysis and Industrial Structure*  
(Holt, Rinehart & Winston 1969)

Needham, D. (ed.)  
*Readings in the Economics of Industrial Organization*  
(Holt, Rinehart & Winston 1970)

Paula, K. S. (ed.)  
*Readings in Managerial Economics*  
(Prentice Hall 1971)

Rowley, C. K. (ed.)  
*Readings in Industrial Economics, Vols 1 and 2*  
(Macmillan 1972)

Scherer, F. M.  
*Industrial Market Structure and Economic Performance*  
(Random McNally 1971)

LABOUR ECONOMICS

The course is concerned with the economic significance of labour as a factor of production. Areas to be studied include: the supply of labour; the nature and operation of labour markets and labour market policy; the determination of wage rates and wage structures; theoretical approaches to the question of income distribution; wage criteria and wage fixations in the context of arbitration; inflation and the wage-price issue; prices and income policies.

(Two hours lectures per week. In addition, students enrolled in the Faculty of Economics and Commerce will be required to attend a seminar of one hour per fortnight.)

Reading Guide

Carter, A. M. & Marshall, F. R.  
*Labour Economics: Wages, Employment and Trade Unionism*  
(rev. ed., Irwin 1972)

Davidson, P.  
*Theories of Aggregate Income Distribution*  
(Rutgers U.P. 1960)

Fels, A.  
*The British Prices and Incomes Board*  
(Cambridge University Press 1972)

*Horn, R. V.*  
*Labour Market Economics — Australia*  
(Cheshire 1974)

*Isaac, J. E., Ford, G. W. & Niland, J.* (eds.)  
*Australian Labour Economics: Readings*  
(2nd ed. Sun Books 1973)

*McConnell, C. R.* (ed.)  
*Perspectives on Wage Determination: A Book of Readings*  
(McGraw-Hill 1970)

McCormick, B. J. & Owen-Smith, E. (eds.)  
*The Labour Market*  
(Penguin 1968)

Peitchinis, S. G.  
*Canadian Labour Economics*  
(McGraw-Hill 1970)

Perlman, R.  
*Labor Theory*  
(Wiley 1969)

Reynolds, L. C.  
*Labor Economics and Labor Relations*  
(5th ed. Prentice Hall 1970)

Shultz, G. P. & Aliber, R. Z. (eds.)  
*Guidelines: Informal Controls and the Market Place*  
(University of Chicago Press 1966)
GROWTH AND DEVELOPMENT

The first two terms of this course deal with the dynamics of fluctuations and growth in the framework of an advanced economy. A critical appraisal is undertaken of leading contributions in this field. Topics such as the production function, technical progress and various models of growth are dealt with in detail.

The third term will be devoted to an examination of some problems of economic growth in developing countries. This part of the course will involve a discussion of some simple models of economic development and will continue with reference to some case studies from countries in Asia.

Preliminary Reading

Bober, Stanley
*The Economics of Cycle and Growth* (New York, Wiley 1968)

Clark, John G. & Cohen, M. (eds.)

Enke, S.
*Economics for Development* (London, Dobson 1963)

Hamberg, D.

Hicks, J. R.

Meade, J. E.

Meier, G. M.

Neher, Phillip A.

INTERNATIONAL ECONOMICS

The course begins with an analysis of balance of payments problems and of various policies of adjustment, such as internal expenditure changes, devaluation and revaluation, flexible exchange rates and direct controls. The course then considers certain theoretical aspects of international capital movements and the implications of Australia's capital inflow. It goes on to examine the present international monetary system and its reform. This is followed by a study of the theories of international trade in its non-monetary aspects. From the traditional analysis the theory is extended to examine such problems as the effect of economic growth on trade and the role of international trade in economic development. The theory of restrictions on trade is discussed with particular emphasis on the role of tariffs and of customs unions. The final section reviews Australia's changing pattern of foreign trade and capital movements and assesses relevant economic policies.

(2 hours per week)

Reading Guide


Caves, Richard E. & Johnson, Harry G. (eds.)

Caves, Richard E. & Jones, Ronald W. (eds.)

Findlay, Ronald
*Trade and Specialisation* (Penguin Modern Economics 1970)

Heller, H. Robert

Kindleberger, Charles P.


Snape, R. H.
*International Trade and the Australian Economy* (Croydon, Victoria, Longmans 1969)
Reading Guide (continued)

Södersten, Bo
*International Economics*
(London, Macmillan 1971)

Wells, S. J.
*International Economics*

* Recommended for purchase.

PUBLIC ECONOMICS

The course considers the effect of government intervention in the economy through the budget and through the operation of various publicly-owned business undertakings. At the micro-economic level there is an analysis of tax and expenditure policies. In particular, the effects of these policies on community welfare and on incentives are examined.

The macro-economic aspects of the budget are also discussed. Aggregative models are used to analyse the relation of fiscal policy to other economic policies for stability and growth. Inter-governmental fiscal relationships and the place of fiscal policy in less developed countries are briefly considered.

Preliminary Reading

* Eckstein, O.
  *Public Finance*
  (Prentice-Hall)

Reading Guide

Allan, C. M.
*The Theory of Taxation*
(Penguin)

Buchanan, J. M.
*The Public Finances*
(Irwin)

Houghton, R. W. (ed.)
*Public Finance*
(Penguin)

Johansen, L.
*Public Economics*
(North Holland)

* Nevile, J. W.
  *Fiscal Policy in Australia*
  (Cheshire)

Reder, M. W.
*Studies in Theoretical Welfare Economics*
(Columbia)

Shoup, C. S.
*Public Finance*
(Weidenfeld & Nicolson)

Turvey, R. (ed.)
*Public Enterprise*
(Penguin)

Winch, D. M.
*Analytical Welfare Economics*
(Penguin)

* Recommended for purchase.

HISTORY OF ECONOMIC THOUGHT

The course is designed to provide historical perspective and an integrating view of the subject matter of other courses in economic analysis. The following contributions to economic thought are examined—the Greek analysts, the early and later Scholastics, the Mercantilists, the Physiocrats, the Classicists (including Adam Smith, Malthus, Ricardo and J. S. Mill), the marginal utility theorists, the general equilibrium school and the Austrian school.

Reading Guide

Blaug, M.
*Economic Theory in Retrospect*
(Heinemann)

Heimann, E.
*History of Economic Doctrines*
(O.U.P.)

Lekachman, R.
*A History of Economic Ideas*
(Harper)

Oser, J.
*The Evolution of Economic Thought*
(Harcourt Brace)

Roll, E.
*A History of Economic Thought*
(Faber)

Schumpeter, J. A.
*A History of Economic Analysis*
(O.U.P.)

Spiegel, H. W.
*The Growth of Economic Thought*
(Prentice-Hall)

THEORY OF ECONOMIC POLICY

The first part of this course deals with the logic, design and implementation of economic policy. After a brief review of *a priori* welfare criteria and discussion of their applicability to the assessment of macro policy, several policy models are discussed, ranging from the simple *satisficing* type model to attempts to derive policy from a social welfare function. Case studies of macro policy will be discussed, with special reference to Australian problems.

The latter part of the course deals with the effects of government policy measures upon the efficient allocation of resources. Policies on education, on research and development, on defence and on health services are among the topics which will be reviewed.

Reading Guide

Morley, S. A.
*The Economics of Inflation*
(The Dryden Press 1971)

Tinbergen, J.
*Economic Policy: Principles and Design*
(North Holland Publishing Co. 1967)

Tinbergen, J.
*On the Theory of Economic Policy*
(North-Holland Publishing C. 1966)

*Winch, D. M.
*Analytical Welfare Economics*
(Penguin)

* Recommended for purchase.
ECONOMETRICS I
A knowledge of matrix algebra and of the mathematical statistics dealt with in Statistical Analysis I is recommended for students attempting this course. The course is concerned with examining the usefulness of single equation regression analysis in applied economic research and also with providing an introduction to simultaneous estimation procedures.

Reading Guide
Fox, K. A. Intermediate Economic Statistics (John Wiley & Sons)
Goldberger, A. Econometrics (John Wiley & Sons)
Hadley, G. Linear Algebra (Addison-Wesley)
Huang, D. S. Regression and Econometric Methods (John Wiley & Sons)
Kmenta, J. Elements of Econometrics (Macmillan)
Wonnacott, R. J. & Wonnacott, T. H. Econometrics (John Wiley & Sons)

* Recommended for purchase.

MATHEMATICAL ECONOMICS
The first part of the course is concerned with the mathematical reformulation and interpretation of traditional micro- and macro-economic theory. The second part of the course deals with modern capital and growth theory and mathematical programming.

The level of mathematics assumed in this course is the advisory prerequisite for the Faculty of Economics and Commerce — Second Level Short Course Mathematics, or its equivalent.

Reading Guide
Dernburg, Thomas F. & Dernburg, Judith D. Macroeconomic Analysis: An Introduction to Comparative Statics and Dynamics (Reading, Addison-Wesley 1969)

COMPUTER APPLICATIONS AND SYSTEMS
This course consists of two distinct sections:

I. Basic introduction to data processing concepts: discusses the hardware, software and general systems design implications of each of five common data processing systems — (1) Unit Record, (2) Punch Card Computer, (3) Magnetic Tape Computer; (4) Random Access Computer, (5) Real Time Computer. (No programming instruction is involved.)

II. Econometric applications of computers in the areas of regression analysis, linear programming, network analysis, simulation modelling, time series analysis. The approach is descriptive emphasising the types of problems to which each method is generally applied, the definitions and assumptions underlying the method and the general computer procedures necessary. (No mathematical experience or exposition is required.)
Reading Guide

SECTION I
Awad, E. 
Business Data Processing 
(Prentice-Hall)
Chandor, Graham & Williamson 
Practical Systems Analysis 
(Hart-Davis)
Dippel & House 
Information Systems 
(Scott Foresman)
Sanders, D. 
Computers in Business 
(McGraw-Hill)

SECTION II
Baumol 
Economic Theory and Operations Analysis 
(Prentice-Hall)
Forrester 
Industrial Dynamics 
(Prentice-Hall)
Lange, O. 
Introduction to Econometrics 
(Wiley)
Stilian et al. 
PERT 
(A.M.A.)
Theil, Boot & Kloek 
Operations Research and Quantitative Economics 
(Wiley)
Tintner, G. 
Econometrics 
(Wiley)

LABOUR RELATIONS
In this course the institutional frameworks of Australian and a number of other industrial relations systems are examined. The interaction of economic and institutional factors in the labour sector is analysed. Particular emphasis is placed on an exploration of the nature of industrial conflict and on the study of conflict resolution.
The following topics are included: theories of organised labour; the history of trade unionism in Australia; the structure of the modern corporation and its implications for industrial relations; an international comparison of some national industrial relations systems with emphasis on goals, structure and methods of the parties involved and methods of rule determination in the workplace; strike patterns in Australia; industry patterns of industrial relations in Australia.
Assessment in this subject will be based upon seminar work, a research assignment and one three hour paper.
(2 hours lectures per week and a seminar of 1-2 hours each fortnight.)

Reading Guide
Beal, E. F., Wickersham, E. D. & Kienast, P. 
The Practice of Collective Bargaining 
(4th ed. Irwin 1972)
Caiden, G. E. 
Public Employment Compulsory Arbitration in Australia 
(University of Michigan 1971)
Chamberlain, N. W. & Kuhn, J. W. 
Collective Bargaining 
(2nd ed. McGraw-Hill 1965)
Child, J. 
Unionism and the Labor Movement 
(Macmillan 1971)
Dunlop, J. T. 
Industrial Relations Systems 
(Southern Illinois University Press 1971)
Flanders, A. (ed.) 
Collective Bargaining 
(Penguin 1969)
Howard, W. & Riach, P. 
Productivity Agreements and Australian Wage Determination 
(Wiley 1973)
Ironmonger, J., Merritt, J. A. & Osborne, G. (eds.) 
Strikes: Studies in Australian Social History 
(Angus & Robertson 1973)
*Isaac, J. E. & Ford, G. W. (eds.) 
Australian Labour Relations: Readings 
(2nd ed. Sun Books 1971)
*Recommended for purchase.
Selekman, B. M. et al. 
Australian Trade Unions 
(Sun Books 1968)
Somers, G. G. (ed.) 
Problems in Labor Relations 
*Walker, K. F. 
Essays in Industrial Relations Theory 
(Iowa University Press 1969)
*Australian Industrial Relations Systems 
(Harvard University Press 1970)
Walton, R. E. & McKersie, R. B. 
A Behavioral Theory of Labor Negotiations 
(McGraw-Hill 1965)
ECONOMICS IV: ADVANCED ECONOMIC ANALYSIS

Students are offered a choice between alternative programmes

(i) four units PLUS a thesis embodying results of a research investigation

OR (ii) six units

In 1974 the topics to be offered are the ten courses which follow, PLUS Econometrics I (1 unit) where approved.

MICROECONOMIC THEORY

Microeconomic theory is developed in this course with policy applications in mind. Topics include: recent advances in demand and production theory, equilibrium theories of markets and the correspondence principle, Pareto optimality, market failure including decreasing costs, uncertainty, second-best solutions, recent developments in oligopoly theory, an examination of variations in the quality of products and in product differentiation with market structure, resource allocation over time, implications of uncertainty and learning for economic behaviour and planning, economic and social mechanisms for adjusting to risk and their limitations, aspects of centralisation and decentralisation in economic systems, elements of ecological economics.

Reading Guide

No single text is suitable for the whole of this course and a full reading list will be supplied. Background texts of relevance include:

Becker, G. *Economic Theory* (Knopf 1971)

Brems, H. *Quantitative Economic Theory* (John Wiley & Sons Inc. 1968)


* Recommended for purchase.

WELFARE ECONOMICS

The overall purpose of this course is to develop an awareness of the limitations of basic economic theory in guiding policy which is aimed at improving the economic welfare of society. It begins with a critical appraisal of the conditions to be fulfilled if welfare is to be maximised and the consequences of the failure to meet the conditions. It then traces the development of criteria for welfare improvement and compensation tests, from Pareto and Pigou to the present. It concludes with an examination of the problems encountered in using known individual preferences to derive acceptable social choice rules. Throughout, the crucial roles of value judgments and interpersonal comparisons are stressed and illustrated.

Reading Guide

Arrow, K. J. *Social Choice and Individual Value* (Wiley 1951)


ECONOMIC PLANNING

This course concerns itself with some of the more important problems attending the adoption and implementation of economic planning at the national level. After an introductory exposition of general equilibrium systems, the conditions of "economic efficiency" are examined against the background of various incidences of departure from competitive equilibrium, e.g., non-market interdependence, externalities and the inevitability of second-best solutions. This is followed by an analysis of the logic and scope of economic planning and a general review of planning models, e.g., the Harrod-Domar model; the Mahalanobis Two-Sector and Four-Sector models; the von Neumann model; the open, static Leontief model and the closed, dynamic model; Lange's "competitive socialist" model and the centralist-socialist model; Frisch's decision models; Tinbergen's planning by stages; and the limited scope Chenery-Type "resource programming" model for under-developed economies. Required student participation takes the form of case studies for discussion in scheduled seminar sessions.
Reading Guide

Barna, T. (ed.)  
"Structural Interdependence and Economic Development"  
(Macmillan & Co. Ltd. 1967)

Brody, A.  
"Proportions, Prices and Planning"  
(North Holland Publishing Co. 1970)

Cameron, B.  
"Input-Output Analysis and Resource Allocation"  
(Cambridge University Press 1968)

Chakravarty, S.  
"The Logic of Investment Planning"  
(North Holland Publishing Co. 1968)

Cohen, S. S.  
"Modern Capitalist Planning: The French Model"  
(Weidenfeld & Nicolson 1969)

Fox, K. A., Sengupta, J. K. & Thorbecke, E.  
"The Theory of Quantitative Economic Policy"  
(North Holland Publishing Co. 1966)

Halm, G. N.  
"Economic Systems: A Comparative Analysis"  
(3rd ed. Holt, Rinehart & Winston 1968)

Kohler, H.  
"Welfare and Planning: An Analysis of Capitalism versus Socialism"  
(John Wiley & Sons Inc. 1966)

Lange, O. & Taylor, F. M.  
"On the Economic Theory of Socialism"  
(McGraw-Hill Book Co. 1964)

ECONOMIC DEVELOPMENT  
(1 unit)

The course commences with an examination of some of the economic and social features of the less developed countries. The relative importance of the major industrial sectors, distribution of the labour force and importance of the export sector are among features examined with reference to data from a number of these countries. Some theoretical models are then introduced and appraised, including those by Fei and Ranis, Rostow and Lewis. This is followed by a more detailed look at policies and institutions within individual sectors such as agriculture, industry and the export sector, using examples from particular less developed countries, mainly within South Asia and in the light of the theoretical concepts developed earlier. Finally some recent issues in the field will be discussed including the effect of foreign aid on economic development, the role of the public sector and the feasibility of economic co-operation between the less developed countries.

Reading Guide

Bauer, P. T. & Yamey, B. S.  
"The Economics of Underdeveloped Countries"  
(Cambridge University Press 1973)

Enke, S.  
"Economics for Development"  
(Dobson Books 1972)

Hagen, E. E.  
"The Economics of Development"  
(Irwin 1968)

Livingstone, I. (ed.)  
"Economic Policy for Development"  
(Penguin 1971)

*Meier, G. M. (ed.)  
"Leading Issues in Economic Development"  
(Oxford University Press 1970)

Morgan, T. & Betz, G. W. (eds.)  
"Economic Development — Readings in Theory and Practice"  
(Wadsworth 1970)

Theberge, J. (ed.)  
"The Economics of Trade and Development"  
(Wiley 1968)

* Recommended for purchase.

HISTORY OF MODERN ECONOMIC THOUGHT  
(1 unit)

The significance of contemporary economic analysis cannot be appreciated fully without an awareness of the thought of earlier economists. Such awareness provides perspective for judgment of the strengths and weaknesses of the analytical tools and techniques fashionable in currently orthodox economics. This course offers a perspective based on consideration of economic thought in the decades immediately preceding "the Keynesian revolution," the popularisation of econometrics and other notable developments. The period dealt with ranges from 1890 to the mid 1930's. Special attention is paid to British economic thought from Alfred Marshall to John Maynard Keynes and to American economic thought from John Bates Clark to Wesley C. Mitchell. Leading Continental contributions are also considered.
**Reading Guide**

Blaug, M. *Economic Theory in Retrospect* (Heinemann)


Schumpeter, J. A. *Ten Great Economists* (Oxford University Press 1951)

Seligman, Ben B. *Main Currents in Modern Economics* (The Free Press 1962)


Stigler, G. J. *Production and Distribution Theories* (Macmillan 1941)

**REGIONAL ECONOMICS**

This course concerns itself with the application of economic analysis to the economic activity and problems of sub-national areas, defined by homogeneity, nodality or programming criteria. Topics covered include: regional accounts, input-output descriptions of regional economies and gravity models; regional income determination and regional growth; impact of growth on the economic structure of regions; regional impacts of national policy and the design of regional policy under the dual constraints of national objectives and regional structure. Selected case studies stress cross-country comparisons of regional policies.

**Reading Guide**


Richardson, H. B. *Regional Economics* (Weidenfeld & Nicolson 1969)

**URBAN ECONOMICS**

This course provides a survey of the economic issues arising within the particular framework of the urban or metropolitan environment. The course includes discussion of the following topics: the relation of cities to the national and regional economy; the interrelation of cities in urban networks; central place theory and location analysis; housing and land use theory; urban economic development and growth; techniques of urban analysis; urban sociology; urban planning, public policy and welfare.

**Reading Guide**

Dickinson, R. E. *City and Region* (Routledge & Kegan Paul)

*Edel & Rothenburg *Readings in Urban Economics* (Macmillan)

Fisher *The Metropolis in Modern Life* (Russell & Russell)

Hauser & Schnore *The Study of Urbanization* (John Wiley & Sons)

Hoover, E. *The Location of Economic Activities* (McGraw-Hill)

Isard, Walter *Location and Space Economy* (John Wiley & Sons)

Mayer & Kohn *Readings in Urban Geography* (University of Chicago Press)


* Recommended for purchase.

**ECONOMETRICS II**

This course is basically a continuation of Econometrics I, with its prime interest being on the problems involved in econometric model building and simultaneous estimation. Each student enrolling will be expected to complete a piece of applied econometric research.

**Reading Guide**

Brown, T. M. *Specification and Use of Econometric Models* (Macmillan)

Christ, C. F. *Econometric Models and Methods* (John Wiley & Sons)

Dhrymes, P. *Econometrics, Statistical Foundations and Applications* (Harper & Row)
Reading Guide (continued)
Hood, W. C. & Koopmans, T. C. *Studies in Econometric Method* (John Wiley & Sons)
Klein, L. R., Evans, M. K. & Harley, M. *Econometric Gaming* (Macmillan)
Malinvaud, E. *Statistical Methods of Econometrics* (North Holland Publishing Co.)
Theil, H. *Principles of Econometrics* (North Holland Publishing Co.)

**TRANSPORT ECONOMICS** *(4 unit)*
The course will consist of two parts:
(a) an economic survey of British transportation from the seventeenth to the twentieth century and
(b) a closer examination of some problems posed by the widespread use of the automobile from both an historical and an analytical point of view.
Among some of the topics discussed are the following: changing technology in transportation; transportation and suburbanisation; the railway contribution to economic growth; urban transportation and social divisions; alternative explanations for traffic congestion; the role of public transport in the reduction of traffic congestion; transportation systems and governmental ownership; comparative costs and the value of motorways.

Reading Guide
Fogel, F. W. *Railroads and American Economic Growth* (Johns Hopkins University)
Winch, D. M. *The Economics of Highway Planning* (University of Toronto Press)

* Recommended for purchase.

**SPECIAL TOPIC** *(4 unit)*
In each year it is intended to offer a Special Topic which will be a half-year course operating in the second half of the academic year. In 1974 the Special Topic will be Environmental Economics. A reading outline will be provided at a later date.

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**DEPARTMENT OF LEGAL STUDIES**

**LEGAL STUDIES I**
A course of 2 hours of lectures and a tutorial of 1 hour per week throughout the year.

**SYLLABUS**

**A. Term 1**
A general conspectus of the Australian constitution and legal system which includes: organization of law; sources of law (common law and legislation); the structure and workings of our courts, parliamentary systems, and the legislative process.

**B. Terms 2 and 3**
A study of some areas of substantive law by way of a study of topics (yet to be selected) in some depth from among the following: the law of contract; the law of tort; criminal law; civil liberties and constitutional law.

**Reading Guide**
Students will be informed at the first class of books which it is essential for them to possess. In addition, roneoed material will be made available by the Department of Legal Studies.

**Preliminary Reading**
Students wishing to do some preliminary reading are referred to the following:

**GENERAL INTRODUCTION TO LAW**
Williams, G. L. *Learning the Law* (Stevens)
Graveson, R. H. *Law: An Outline for the Intending Student* (Routledge & Kegan Paul)

**INTRODUCTION TO LAW IN AUSTRALIA**
Bauman, J. *Outline of Law in Australia* (Law Book Co.)
Sawer, G. *The Australian and the Law* (Pelican Original)
Shtein, B. J. L. & Lindgren, K. E. *Introduction to Business Law* (Law Book Co.)
Note—Essential books which students should possess are marked with an asterisk.

THE AUSTRALIAN CONSTITUTIONAL AND LEGAL SYSTEM

Crisp, L. F.  
*Australian National Government*  
(Longman)

Sawer, G.  
*Australian Government Today*  
(M.U.P.)

Books of General Relevance to the Course

Campbell, E. & Whitmore, H.  
*Freedom in Australia*  
(Sydney University Press)

Dicey, A. V.  
*An Introduction to the Study of the Law of the Constitution*  
(McMillan)

Lloyd, D. D.  
*The Idea of Law*  
(Penguin)

Lumb, D.  
*The Constitutions of the Australian States*  
(University of Queensland Press)

Mayer, H. (ed.)  
*Australian Politics*  
(Cheshire)

Paton, G. W.  
*A Textbook of Jurisprudence*  
(Oxford University Press)

Sawer, G.  
*Australian Government Today*  
(Melbourne University Press)

Shtein, B. J. L.  
*Lombor, K. E.*  
*Introduction to Business Law*  
(Law Book Co.)

Vermeesch, R. B. & Lindgren, K. E.  
*Business Law of Australia*  
(Butterworth)

Wade, E. C. S. & Phillips, C. G.  
*Constitutional Law*  
(Longmans)

STATUTES

Commonwealth of Australia  
Constitution  
(Australian Government Printer)

Minors (Property and Contracts) Act, 1970  
(N.S.W. Government Printer)

EXAMINATION

Two papers.

Students will be permitted to take copies of the Statutes referred to in the Reading Guide and lists of cases to be supplied during the course into the annual examination, provided the copies are not marked otherwise than by underlining.

LEGAL STUDIES II

A course of 2 hours of lectures and a tutorial of 1 hour per week throughout the year.

A. LAW RELATING TO COMMERCIAL TRANSACTIONS: THE CONSUMER'S VIEW

Elements of law relating to commerce with emphasis on the consumer: a further study of the law of contract with emphasis on special contracts of relevance to commerce, such as sale of goods and hire purchase; legal concepts (e.g. property, ownership, possession, trusts, agency); bailment; securities (e.g. mortgages, bills of sale, liens, etc.); statute and common law affecting the consumer.

B. LAW RELATING TO BUSINESS ORGANISATION

Sole trader, partnership and company law.

Note

Law Relating to Business Organisation will form approximately one-half of the course.

Reading Guide

Students will be informed at the first class of the books which it is essential for them to possess.

Afterman, A. B.  
*Company Directors and Controllers*  
(Law Book Co.)

Collinge, J.  
*The Law of Marketing in Australia and New Zealand*  
(Thesaurus)

Collinge, J.  
*Tutorials in Contract*  
(Law Book Co.)

Else-Hitchell, The Hon.  
*R. & Parsons, R. W.  
Hire Purchase Law*  
(Law Book Co.)

Hahlo, H. R.  
*Modern Company Law (Stevens)*  
with  
*Australian Supplement*  
by Kavass & Baxt  
(Law Book Co.)

Helmore, B. A.  
*Personal Property and Mercantile Law in New South Wales*  
(Law Book Co.)

Higgins, P. F. P.  
*Law of Partnership in Australia and New Zealand*  
(Law Book Co.)

Note—Essential books which students should possess are marked with an asterisk.
Note—Essential books which students should possess are marked with an asterisk.

Reading Guide (continued)

Mason, H. H. & O'Hair, J. S.  
*Australian Company Law  
(McGraw-Hill)

Schmitthoff, C. M. & Thompson, J. H. (eds.)  
*Palmer's Company Law  
(Stevens)

Shtein, B. J. L. & Lindgren, K. E.  
*Introduction to Business Law  
(Law Book Co.)

Sim, R. S. & Mason, H. H.  
Casebook on Australian Company Law  
(Butterworth)

Sutton, K. C. T.  
*The Law of Sale of Goods in Australia and New Zealand  
(Law Book Co.)

*Vermeesch, R. B. & Lindgren, K. E.  
*Business Law of Australia  
(Law Book Co.)

Wallace, The Hon. G. & Young, J. Mcl.  
Australian Company Law and Practice  
(Law Book Co.)

STATUTES

Bankruptcy Act 1966  
(Australian Government Printer)

Bills of Exchange Act 1909  
(Australian Government Printer)

Bills of Sale Act 1898  
(N.S.W. Government Printer)

*Companies Act 1961  
(N.S.W. Government Printer)

Consumer Protection Act 1969  
(N.S.W. Government Printer)

Hire Purchase Act 1960  
(N.S.W. Government Printer)

Minors (Property and Contracts) Act 1970  
(N.S.W. Government Printer)

Partnership Act 1892  
(N.S.W. Government Printer)

Restrictive Trade Practices Act 1971  
(Australian Government Printer)

Sale of Goods Act 1923  
(N.S.W. Government Printer)

Note—Essential books which students should possess are marked with an asterisk.

EXAMINATION

Two papers.

Students will be permitted to take copies of the Statutes referred to in the Reading Guide and lists of cases to be supplied during the course into the annual examination, provided the copies are not marked otherwise than by underlining.

LEGAL STUDIES III

A course of 2 hours of lectures and a tutorial of 1 hour per week throughout the year.

SYLLABUS

The course is a study of the modern corporation in society. It is divided into three sections: a Term of administrative law; a Term on the corporation and restrictive trade practices; and a Term of interdisciplinary study of the corporation as a legal, commercial and social unit with reference to the corporation's management and workforce; the corporation and problems of town planning, pollution, poverty, crime etc.

Reading Guide

Benjafield, D. G. & Whitmire, H.  
Principles of Australian Administrative Law  
(Law Book Co.)

Brett, P. & Hogg, P. W.  
Cases and Materials on Administrative Law  
(Butterworths)

Davis, K. & Blomstrom, R. L.  
Business, Society and Environment  
(McGraw-Hill)

*Friedmann, V.  
An Introduction to the Study of Law in a Changing Society  
(Penguin)

Heyne, P. T.  
Private Keeper of the Public Interest  
(McGraw-Hill)

*Lindgren, K. E. & Mason, H. H. & Gordon, B. L. J.  
The Corporation and Australian Society  
(Law Book Co.)

McGuire, J. W.  
Business and Society  
(McGraw-Hill)

Mason, E. S.  
The Corporation in Modern Society  
(Harvard University Press)
Note—Essential books which students should possess are marked with an asterisk.

STATUTES AND PARLIAMENTARY PAPERS

Commonwealth Administrative Review Committee Report, 1971
(Australian Government Printer)
Companies Act 1961
(N.S.W. Government Printer)

EXAMINATION

Two papers.

Students will be permitted to take into the examination copies of the Statutes referred to in the Reading Guide and lists of cases to be supplied during the course, provided the copies are not marked otherwise than by underlining.

INDUSTRIAL LAW

A course of 2 hours of lectures and a tutorial of 1 hour per week throughout the year.

SYLLABUS

A study of industrial law divided into two broad parts: a study of the law affecting the individual employer and employee; and a study of the law affecting employer-and employee-groups. The first part includes analysis and description of the master-servant relationship at common law; duration, termination and terms of the contract of service; remedies for breach by either party of the contract of service; promises in restraint of trade; the doctrine of vicarious liability; the employer's duty of care at common law; the employer's statutory duties; the employer's defences to an employee's action for damages; workers' compensation. The second part includes an examination of the constitutional background of industrial legislation; the notion of inconsistency between State and Commonwealth industrial regulation systems; strikes and lockouts; special "industrial torts"; enforcement and penal provisions; standard working hours and leave with pay; wage fixation; legal status of industrial organisations.

Reading Guide

Boulter, N.  
Workers' Compensation Practice in N.S.W.
(Law Book Co.)

Cullen, C. L. & Macken, J. J.
Outline of Industrial Law

Foenander, O. de R.
Australian Industrial Regulation
(Law Book Co.)

Foenander, O. de R.
Industrial Conciliation and Arbitration in Australia
(Law Book Co.)

Reading Guide (continued)

Foenander, O. de R.  
Recent Developments in Australian Industrial Regulation
(Law Book Co.)

Foenander, O. de R.  
Trade Unionism in Australia
(Law Book Co.)

Glasbeek, H. J. & Eggleston, E.
Cases and Materials on Labour Law in Australia
(Butterworths)

Hepple, B. A. & O'Higgins, P.
Individual Employment Law
(Sweet & Maxwell)

Mills, C. P.  
Federal Industrial Laws
(Butterworths)

Mills, C. P.  
New South Wales Industrial Laws
(Butterworths)

Mills, C. P.  
Workers' Compensation in New South Wales
(Butterworths)

O'Dea, R.  
Industrial Relations in Australia
(West Publishing Corp.)

Portus, J. H.  
Australian Compulsory Arbitration 1900-1970
(Law Book Co.)

Portus, J. H.  
The Development of Australian Trade Union Law
(Melbourne University Press)

Shtein, B. J. L. & Lindgren, K. E.
Introduction to Business Law
(Law Book Co.)

Sykes, E. I. & Glasbeek, H. J.
Labour Law in Australia
(Butterworths)

Sykes, E. I.
The Employer, The Employee and the Law
(Law Book Co.)

Sykes, E. I.
Strike Law in Australia
(Law Book Co.)

Students will be advised at the first lecture of those books which are essential and which they should possess.
Note—Essential books which students should possess are marked with an asterisk.

**STATUTES**

*Annual Holidays Act, 1944*  
(N.S.W. Government Printer)

*Apprentices Act, 1969*  
(N.S.W. Government Printer)

*Commonwealth of Australia Constitution Act, 1900 (U.K.)*  
(Australian Government Printer)

*Conciliation and Arbitration Act, 1904*  
(Australian Government Printer)

*Factories, Shops and Industries Act, 1962*  
(N.S.W. Government Printer)

*Industrial Arbitration Act, 1940*  
(N.S.W. Government Printer)

*Long Service Act, 1955*  
(N.S.W. Government Printer)

*Scaffolding and Lifts Act, 1912*  
(N.S.W. Government Printer)

*Workers' Compensation Act, 1926*  
(N.S.W. Government Printer)

**EXAMINATION**

Two papers.

Students will be permitted to take into the examination copies of the Statutes referred to in the Reading Guide and lists of cases to be supplied during the course, provided the copies are not marked otherwise than by underlining.

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**LAW OF STAMP, DEATH, GIFT AND ESTATE DUTIES**

A course of 2 hours of lectures per week throughout the year.

**SYLLABUS**

Study of the Stamp Duties Act, 1920, (N.S.W.), the Gift Duty Act, 1941, (C'lh), the Gift Duty Assessment Act, 1941, (C'lh), the Estate Duty Act, 1914, (C'lh) and the Estate Duty Assessment Act, 1914, (C'lh).

The social, moral and political aspects of planning for the minimisation of duties upon death. Estate planning schemes which have been judicially considered. Economic aspects of duties upon death. Income tax aspects of trusts and discretionary trusts.

Case studies will be used throughout the course.

**Reading Guide**

Adams, P. R.  
*Australian Tax Planning*  
(Butterworths)

Adamson, A. V. & Coorey, M. G.  
*The Valuation of Company Shares and Business*  
(Law Book Co.)

*Ford, H. A. J.*  
*Principles of the Law of Death Duty*  
(Law Book Co.)

*Hill, G. D.*  
*Stamp, Death, Estate and Gift Duties*  
(Law Book Co.)

C.C.H. Australia Limited  
*Australian Estate and Gift Duty Reporter*

**STATUTES**

*Estate Duty Act 1914*  
(Australian Government Printer)

*Estate Duty Assessment Act 1914*  
(Australian Government Printer)

*Gift Duty Act 1941*  
(Australian Government Printer)

*Gift Duty Assessment Act 1941*  
(Australian Government Printer)

*Stamp Duties Act 1920*  
(New South Wales Government Printer)

**EXAMINATION**

Two papers.

Students will be permitted to take copies of the Statutes referred to in the Reading Guide into the annual examination, provided the copies are not marked otherwise than by underlining.
Note—Essential books which students should possess are marked with an asterisk.

ADVANCED COMPANY LAW
A course of 2 hours of lectures and a 1-hour tutorial per week throughout the year.

SYLLABUS
The course is a study at postgraduate level of certain areas of company and related law, some of which are not dealt with at all in the typical company law course at undergraduate level, e.g. securities industry law, the corporations’ power in the Commonwealth Constitution. As well, many of the classical topics of company law will be studied in depth, e.g. duties of directors; the nature of the contract comprised in the registered company’s memorandum and articles of association; the legal nature of shares and debentures; the legal relationships between the company and outside contracting parties, the company’s employees, its management; insider trading; abuse of corporate opportunity; minority oppression.

Reading Guide

*Afterman, A. B. Company Directors and Controllers (Law Book Co.)
*Gower, L. C. B. Modern Company Law (Stevens) with Australian Supplement by Kavass & Baxt
*Hahlo, H. R. A Casebook on Company Law (Sweet & Maxwell)
Lindon, J. B. (ed.) Buckley on the Companies Act (Butterworths)
Schmitthoff, C. M. & Thompson, J. H. (eds.) Palmer’s Company Law (Stevens)
Wallace, The Hon. G. & Young, J. Mcl. Australian Company Law and Practice (Law Book Co.)

STATUTES
*Companies Act 1961 (New South Wales Government Printer)
*Securities Industry Act 1970 (New South Wales Government Printer)
* Marketable Securities Act 1970 (New South Wales Government Printer)

EXAMINATION
Two papers.
Students will be permitted to take copies of the Statutes referred to in the Reading Guide into the annual examination, provided the copies are not marked otherwise than by underlining.

MAJOR SUBJECTS FROM OTHER FACILITIES

GEOGRAPHY 1
Six hours per week (two hours lectures, one hour tutorial, and three hours practical work).
Four days of field work are an integral part of the course.
The subject is designed to introduce students to the cultural aspects of geography, with reference to the broad geographical distribution of culture complexes, and the examination of processes involved in the evolution of culture patterns and culture systems.
Practical courses to extend and enrich this study are also designed to enable students to gain proficiency in and understanding of, the tools of geographical analysis: Methods in the cartographic and statistical organisation of geographic data will be studied.

Prescribed Books

Moroney Facts from Figures (Penguin 1956)
Toyne & Newby Techniques in Human Geography (Macmillan 1971)

HISTORY 1
Aspects of Modern European History, from 1789 onwards (Three hours per week, plus compulsory weekly tutorial).
This course will treat in depth certain key aspects of modern European History. Each aspect will be studied as a separate unit. The emphasis throughout will be on issues and ideas and no attempt will be made to present a chronological narrative. In addition, students will be introduced to some of the problems and techniques of historical interpretation. The subjects for study in 1974 will be: (a) the French Revolution; (b) Industrialization and Urban Growth; (c) Imperialism; (d) International Organization. Students will be expected to become thoroughly familiar with primary source material as well as major secondary works. Sections (a) and (b) will be examined in mid-year.
PHILOSOPHY I

SECTION 1: INTRODUCTION TO PHILOSOPHY
(14 hours weekly)

This section is an introduction to Philosophy, and is divided into two parts. The first part is concerned with Plato's theory of education, political authority, the nature of the soul and its immortality, and universals. The second part is concerned with Descartes' quest for infallible knowledge, his theory of innate ideas, and his attempt to prove the existence of God and the immaterial character of the soul.

Texts
- Plato
  The Last Days of Socrates
  (Penguin)
- Descartes
  Philosophical Writings
  ed. Anscombe and Geach
  (Nelson)

References
- Burnet, J.
  Greek Philosophy
  (Macmillan)
- Guthrie, W. K. C.
  The Greek Philosophers
  (Methuen)
- Kenny, A.
  Descartes
  (Random House)
- Taylor, A. E.
  Plato: the Man and his Work
  (Macmillan)

SECTION 2: LOGIC AND SCIENTIFIC METHOD
(14 hours weekly)

Both traditional and modern logic are introduced in this course, which is adapted to students with no previous acquaintance with formal logic. The use of sound rules of inference and of methods of natural deduction is studied. Such topics as classification, division and definition link the traditional logic with an introduction to scientific method, and in this segment of the course questions relating to the testing of hypotheses and to induction are also considered. Some lecture notes will be provided, and a text reference list will be issued at the beginning of the course.

Text
- Lemmon, E. J.
  Beginning Logic
  (Nelson)

TUTORIALS

Some tutorial assistance will be provided. Details of the tutorial programme will be published at the beginning of first term.

EXAMINATION AND OTHER REQUIREMENTS

Normally Sections 1 and 2 are each examined in a three hour paper in November. Students are also required to submit during the year a prescribed number of papers or exercises, including one longer essay of about 2000 words.

It is hoped in 1974 to present Section 2 in two parts. The first would be completed in first term, and then examined — a second examination would be available in November; the second part would be one of a set of options, selection of which should be discussed with the Department.

MATHEMATICS I

A subject of four lectures and two tutorial hours per week for three terms comprising the following topics. Summaries of these topics will appear in the handbook of the Faculty of Mathematics and will also be available from the Department.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Prescribed Texts</th>
</tr>
</thead>
<tbody>
<tr>
<td>AN</td>
<td>Real Analysis</td>
</tr>
<tr>
<td>AL</td>
<td>Algebra</td>
</tr>
<tr>
<td>CA</td>
<td>Calculus</td>
</tr>
<tr>
<td>NM</td>
<td>Numerical Mathematics</td>
</tr>
</tbody>
</table>

AN
- Calculus Vol. I 2nd ed. T. Apostol
  (Ginn Blaisdell 1967)
- Real Analysis J. R. Giles
  (Wiley 1972)
- A Basis for Linear Algebra W. Brisley
  (Wiley 1973)
- Calculus Vol. I 2nd ed. T. Apostol
  (Ginn Blaisdell 1967)
- Basic Fortran IV Programming J. M. Blatt
  (Computer Systems of Australia Pty. Ltd. 1969)
PART II SUBJECTS

The following topics are among those offered by the Mathematics Department. Certain combinations of these topics specified below will comprise the Part II subjects offered by the Department; each topic consists of about 27 lectures and 13 tutorials. A pass in Mathematics I is a prerequisite for entry to each Part II subject given by the Department; in addition some topics will require other topics as a corequisite or prerequisite as shown. Summaries of these topics appear in the handbook of the Faculty of Mathematics and will also be available from the Department.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Corequisite or Prerequisite Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Mathematical Models</td>
</tr>
<tr>
<td>B</td>
<td>Complex Analysis</td>
</tr>
<tr>
<td>C</td>
<td>Calculus and Vector Calculus</td>
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<tr>
<td>D</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>E</td>
<td>Differential Equations and Integral Transforms</td>
</tr>
<tr>
<td>F</td>
<td>Numerical Analysis and Computing</td>
</tr>
<tr>
<td>G</td>
<td>Fourier series, Partial Differential Equations and Special Functions</td>
</tr>
<tr>
<td>H</td>
<td>Probability and Statistics</td>
</tr>
<tr>
<td>I</td>
<td>Topic in Statistics</td>
</tr>
<tr>
<td>J</td>
<td>Topic in Applied Mathematics</td>
</tr>
<tr>
<td>K</td>
<td>Topic in Pure Mathematics</td>
</tr>
<tr>
<td>L</td>
<td>Analysis of Metric Spaces</td>
</tr>
</tbody>
</table>

PRESCRIBED TEXTS

Topic A—Mathematical Models
To be advised.

Topic B—Complex Analysis
*Theory and Problems of Complex Variables* Murray R. Spiegel
(McGraw-Hill 1964)

OR

*Complex Variables* N. Levinson & R. M. Redheffer
(Holden-Day 1970)

OR

*Complex Variables with Physical Applications* Arthur A. Hauser
(Simon & Schuster 1971)

Topic C—Calculus and Vector Calculus
*Theory and Problems of Advanced Calculus* M. R. Spiegel
(McGraw-Hill 1963)

PRESCRIBED TEXTS (continued)

Topic D—Linear Algebra
No set text.

Topic E—Differential Equations and Integral Transforms
*Elementary Differential Equations and Boundary Value Problems* W. E. Boyce & R. C. DiPrima
(N.Y., Wiley 1969)

Topic F—Numerical Analysis and Computing
*A First Course in Numerical Analysis* A. Ralston
(McGraw-Hill 1965)

OR

*Applied Numerical Methods* B. Carnahan, H. A. Luther & J. O. Wilkes
(Wiley 1969)

*The Elements of Fortran Style* C. B. Kreitzberg & B. Sniderman
(N.Y., Harcourt, Brace & Jovanovich Inc. 1972)

Topic G—Fourier Series, Partial Differential Equations and Special Functions
*A First Course in Partial Differential Equations* H. F. Weinberger
(Blaisdell 1965)

*Fourier Series* I. N. Sneddon
(Routledge 1961)

Topic H—Probability and Statistics
*Mathematical Statistics* 2nd ed. J. E. Freund
(Prentice-Hall 1971)

OR

*Introduction to Mathematical Statistics* P. G. Hoel
(N.Y., Wiley 3rd ed. 1963)

Topic I—Topic in Statistics
*Practical Non-Parametric Statistics* W. J. Conover
(Wiley 1971)

Topic J—Topic in Applied Mathematics
*Theory and Problems of Theoretical Mechanics* M. R. Spiegel
(New York, Schaum Publishing Co.)

Topic K—Topic in Pure Mathematics
*The Theory of Groups* I. D. MacDonald
(oxford University Press 1968)

OR

*Group Theory* B. Baumsagl & B. Chandler
(Schaum 1968)

Topic L—Analysis of Metric Spaces
*Metric Space Analysis* J. R. Giles
MATHEMATICS IIA
A subject of four lectures and two tutorial hours per week for three terms comprising topics B, C, D, and E. In exceptional circumstances and with the consent of the Head of Department one topic from A, F, G, or H may be substituted for B.

MATHEMATICS IIB
A subject of four lectures and two tutorial hours per week for three terms comprising four topics chosen from A to H and approved by the Head of the Department. In exceptional circumstances and with the consent of the Head of Department, one or more of the topics I, J, K or L may be included.

MATHEMATICS IIC
A subject of four lectures and two tutorial hours per week for three terms comprising either topics G, J, K and L or topics H, I, K and L. Subject to the consent of the Head of the Department one topic from A to J may be substituted for one of the topics I or J. In exceptional circumstances, and with the consent of the Head of Department, a substitution may be made for topic L.

NOTES
1. Part-time students may take Mathematics IIB in two parts each of two lectures per week for three terms.
2. Mathematics IIA is a corequisite or prerequisite for Mathematics IIC.
3. In order to pass in all three Part II subjects a student must study all twelve topics and offer them for examination.
4. Students who passed a Part II Mathematics subject prior to 1974 and who wish to take further Part II Mathematics subjects should note that the topic coded "L" in 1974 corresponds to the topic coded "A" in previous years. Such students may require special permission for their selection of Part II topics, and should consult with the Head of the Department.

PSYCHOLOGY I
Psychology I consists of three lectures, one one-hour practical session and one one-hour tutorial per week. The final examination consists of one three-hour paper plus an assessment of the practical work carried out by the student throughout the year.

The subject is a general introduction to psychology and includes social psychology, learning theory, motivation, developmental psychology, physiological psychology, comparative psychology, theory of measurement and descriptive statistics and statistical analysis of data.

TEXT BOOKS
Krech, D., Crutchfield, R. S. & Livson, N.
Morgan, C. T. & King, R. A.

Introduction to Psychology
Fifth ed. N.Y., Harcourt, Brace Jovanovich 1971

Elements of Psychology
Second ed. N.Y., Alfred A. Knopf 1969

Introduction to Psychology
Fourth ed. N.Y., McGraw-Hill 1971

Additional texts may be recommended at the beginning of the course.
The Economics units in the Arts degree are arranged rather differently from those in the Bachelor of Commerce degree. It is important that students show clearly on their enrolment form the Arts subject in which they wish to enrol followed by the title of each component of that subject. The subjects and their components are shown below.

Students following a major sequence in Economics will attempt Economics IA, Economics IIA, and Economics IIIA. However any student may also enrol in Economics IIB provided he has completed or is concurrently enrolled in Economics IIA. Similarly Economics IIIB may be selected by students who have enrolled in or have passed Economics IIIA.

Students who intend to complete a major in Economics would be well advised to devise a programme which includes Geography, History, Psychology, or Mathematics. Those students who have a sound background in mathematics should note the possibilities for combining Mathematics and Economics units in the degree programme, while concentrating on aspects of quantitative economics.

Members of the staff of the Department will be available during the enrolment period to advise students on appropriate combinations of subjects which will suit their requirements and interests.

Candidates for an honours degree in Economics are normally expected to enrol in Economic Statistics I and Economic Statistics II (or Statistical Analysis) at an appropriate stage of their course.

All candidates intending to select Economic Statistics II, Statistical Analysis or Econometrics as part of the second or third year Economics units are asked to note the prerequisite arrangements shown at the end of the following list of subjects.

**ECONOMICS IA**
(i) Microeconomics
(ii) Economic Statistics I

**ECONOMICS IIA**
(i) Macroeconomics
(ii) Economic Statistics I if that subject was not taken in Economics I; otherwise,
    ONE OF:
    (a) Economic Statistics II*
    (b) Statistical Analysis*
    (c) Money and Banking
(iii) Candidates for the Honours Degree may be required to take some additional work prescribed by the Head of the Department of Economics.

**ECONOMICS IIB**
(For students who are enrolled in Economics IIA or have already passed it)
TWO OF:
(i) Industry Economics
(ii) Labour Economics
(iii) Money and Banking
(iv) Economic Statistics II*
    OR
    Statistical Analysis*

**ECONOMICS IIIA**
(i) Growth and Development
(ii) Public Economics
(iii) International Economics
(iv) A candidate for an Honours Degree in Economics who has passed only Economics I and IIA and is currently enrolled in Economics IIIA only may be required to take an additional subject prescribed by the Head of the Department of Economics.
(v) A candidate for the Honours Degree may be required to take some additional work prescribed by the Head of the Department of Economics.

**ECONOMICS IIIB**
(For students who are enrolled in Economics IIIA or have already passed it)
TWO OF:
(i) Econometrics I*
(ii) Mathematical Economics
(iii) Theory of Economic Policy
(iv) History of Economic Thought
(v) Industry Economics OR Labour Economics OR Money and Banking
(vi) Economic Statistics II
    OR
    Statistical Analysis*
(vii) Labour Relations
Candidates for an Honours Degree must have their selection of subjects approved by the Head of the Department of Economics.
Students taking Economics IV in their B.A. Honours Degree are offered a choice between alternative programmes.

(i) four units PLUS a thesis embodying results of a major investigation

OR (ii) six units.

In 1974 the topics (or units) to be offered are:

- Microeconomic Theory (1 unit)
- Welfare Economics (1 unit)
- Economic Planning (1 unit)
- Economic Development (1 unit)
- History of Modern Economic Thought (1 unit)
- Regional Economics (1 unit)
- Urban Economics (1 unit)
- Econometrics II (1 unit)
- Transport Economics (1 unit)
- Special Topic (Environmental Economics) (1 unit)

PLUS Econometrics I (1 unit)

(where approved)

ENTRY TO FINAL HONOURS SUBJECT

The standard for entry to Economics IV will be determined finally by the Head of the Department of Economics, but the normal requirement will be passes at credit level in the second and third years.

* PREREQUISITE SUBJECTS

1. Economic Statistics I is a prerequisite for Economic Statistics II and Statistical Analysis, except that candidates who have successfully completed Mathematics I and Economics I (including Applied Economics) may, with the permission of the Head of the Department of Economics, proceed directly to Economic Statistics II or Statistical Analysis.

2. Economic Statistics II or Statistical Analysis is a prerequisite for Econometrics I. Candidates who intend to select Econometrics I are advised to enrol in Statistical Analysis I in Economics IIA or IIB.

TRANSFER SUBJECTS

The transfer subjects in Economics are available only to those undergraduates who passed Economics I or Economics II at the Newcastle University College before the beginning of the 1963 academic year, or those candidates who have completed a subject or subjects in Economics from another University and are directed by the Admissions Committee to take these subjects.

THE PROPER TITLE OF THE SUBJECT MUST BE SHOWN ON THE ENROLMENT FORMS AND OTHER STATEMENTS COMPLETED BY THE UNDERGRADUATE.
POSTGRADUATE COURSES

Postgraduate studies may be undertaken within the Departments of Commerce, Economics and Legal Studies leading to the Diploma in Business Studies and to M.Com and Ph.D. degrees. In the Department of Economics study for the M.Com degree may be either by research and thesis or by coursework. This degree by coursework should appeal to those candidates whose special interest lies in the fields of Industrial Economics. However, postgraduate candidates with other interests will be able to choose courses designed to cater for their particular requirements. Candidates for the coursework degree programme are advised to write to the Head of the Department of Economics. The Department of Economics also accepts candidates for M.A. degrees.

In the Department of Commerce and the Department of Legal Studies the degree of Master of Commerce may at present be taken only by research and thesis. Whether the applicant desires to take the Master of Commerce degree in the Department of Economics, the Department of Commerce or the Department of Legal Studies he should normally hold the degree of Bachelor of Commerce in the University of Newcastle or an appropriate degree from any other approved university, but in any case must satisfy the Faculty Board of his ability to carry out the programme of study and research.

The Faculty also has a course leading to the award of a Diploma in Business Studies. The subjects which may be included in the Diploma course are specified in the Appendix to the Requirements (see page 153). Enquiries concerning the course in the Diploma in Business Studies should be directed to Mr. Y.L. Yousef, Department of Commerce. Extension 563 or dial 685563.

The Diploma in Business Studies, if including passes in certain specified subjects, satisfies the examination requirements for advancement to Senior Associate Status in the Australian Society of Accountants. The Master of Commerce degree if taken in the Department of Commerce similarly satisfies these examination requirements.

A number of postgraduate scholarships are available to candidates who have obtained a good honours degree to enable them to undertake full-time research, and prospective candidates are asked to consult their Head of Department not later than the third term of the final (honours) year. Full details of recurrent scholarships will be given in the general Calendar issued by the University. Details of special scholarships are posted from time to time on departmental notice boards.

Conditions of award of these higher degrees are given in the following pages.

REQUIREMENTS FOR THE DIPLOMA IN BUSINESS STUDIES

1. In the Requirements unless the contrary intention appears, “the Faculty” means the Faculty of Economics and Commerce and “the Faculty Board” means the Faculty Board of the Faculty of Economics and Commerce.

2. (a) An applicant for registration for the Diploma shall have satisfied the requirements for admission to the degree of Bachelor of Commerce in the University of Newcastle.

   (b) An applicant who is a graduate of another University, University College, College of Advanced Education or other Faculty of the University (other than as specified in (a) above) may, on the recommendation of the Head of the Department of Commerce, be permitted by the Faculty Board to register as a candidate for the Diploma.

   (c) An applicant who has other qualifications and professional experience may, on the recommendation of the Head of the Department of Commerce, be permitted by the Faculty Board to register as a candidate for the Diploma.

3. Candidates approved for registration for the Diploma shall be selected for admission by the Faculty Board on the recommendation of the Head of the Department of Commerce.

4. The results of successful candidates at Annual and Special Examinations shall be classified: Pass, Credit, Distinction, High Distinction.

5. (a) A candidate may withdraw from a subject or course only by informing the Secretary to the University in writing and the withdrawal shall take effect from the date of receipt of such notification.

   (b) A candidate who withdraws from any subject after the sixth Monday in second term shall be deemed to have failed in that subject unless granted permission by the Dean to withdraw without penalty.

6. An applicant for registration or a candidate for the Diploma may be granted standing on conditions to be determined by the Faculty Board.
7. (a) To complete a subject qualifying towards the Diploma, hereinafter called a subject, a candidate shall attend such lectures, tutorials, seminars, laboratory classes and field work and submit such written work as the Department concerned shall require.

(b) To pass a subject a candidate shall satisfy the requirements of the previous clause and pass such examinations as the Faculty Board concerned shall require.

(c) Except with the permission of the Faculty Board a subject shall qualify towards the Diploma for no more than five years from the year in which it is passed.

8. (a) To qualify for the Diploma a candidate shall, in not less than two years of part-time study, pass the required number of subjects from those listed in the Appendix to these Requirements save that a candidate with experience deemed by the Head of the Department of Commerce to be appropriate may be permitted to enrol as a full-time candidate in order to complete the requirements for the Diploma in not less than one year of full-time study.

(b) To qualify for the Diploma a candidate shall pass:

(i) five subjects selected from those specified in Groups A and B in the Appendix to these Requirements, at least three of which subjects shall be selected from Group B and all of which may be selected from Group B;

(ii) a Research Essay shown as Group C in the Appendix to these Requirements.

9. All subjects listed by the Faculty Board may not necessarily be offered in any one year.

10. In order to provide for exceptional circumstances arising in particular cases, the Senate, on the recommendation of the Faculty Board may relax any Requirement.

APPENDIX TO REQUIREMENTS FOR THE DIPLOMA IN BUSINESS STUDIES

STAGE 1

Three subjects selected from Groups A and B.

STAGE 2

Two subjects selected from Groups A and B, plus Group C.

GROUP A*

Subject                           Advisory Prerequisite
Accounting IIIA                  The advisory prerequisite subjects for the subjects in Group A are those prescribed as pre-requisites in the Bachelor of Commerce degree course.
Accounting IIIB
**Auditing
**Econometrics I
**Financial Management
Industrial Law
Labour Relations
Legal Studies III
Management Studies
**Marketing
**Quantitative Business Analysis
**Securities Analysis
**Sociological Aspects of Management
**Taxation

Other subjects in the ordinary Bachelor of Commerce degree programme as approved by the Faculty Board for this purpose.

GROUP B**—see page 154.

Subject                           Advisory Prerequisite
Accounting and Financial Studies  see page 154.
Accounting Theory
Advanced Company Law
Advanced Managerial and Industrial Accounting
Advanced Auditing
Advanced Financial Management
Advanced Taxation and Tax Planning

* Five subjects must be selected from Groups A and B, all of which subjects may be selected from Group B; not more than two subjects may be selected from Group A.

** Of these subjects two shall count as one subject for the purposes of satisfying requirement 8(b)(i) (i.e. these subjects shall be regarded as 'half' subjects for this purpose).
GROUP B (cont.)

- Behavioural and Social Framework in Business
- Business Applications of Statistical Decision Theory
- Comparative International Taxation
- Commercial Programming
- Corporate Strategy
- Law of Stamp, Death, Gift and Estate Duties
- Marketing Management
- Personnel Management
- Political and Legal Institutions
- Quantitative Applications in Management Studies
- Social and Public Authority Accounting
- Systems Analysis and Design
- Other subjects as approved by the Faculty Board.

GROUP C

Research Essay

EXPLANATORY NOTES TO THE APPENDIX TO REQUIREMENT FOR THE DIPLOMA IN BUSINESS STUDIES

Note 1
In addition to Accounting and Financial Studies, eight other Group B subjects will probably be offered in 1974. It is likely that the remaining subjects will be as follows:

- Advanced Company Law
- Advanced Taxation and Tax Planning
- Behavioural and Social Framework in Business
- Commercial Programming
- Corporate Strategy
- Law of Stamp, Death, Gift and Estate Duties
- Personnel Management
- Systems Analysis and Design

Other subjects as approved by the Faculty Board.

Note 2
This subject will be offered on the following conditions:
(i) the subject is restricted to students who have not previously passed any accounting examinations at tertiary level.
(ii) the subject may be incorporated in Stage 1 only.

CONDITIONS FOR THE GRANTING OF STANDING IN THE DIPLOMA IN BUSINESS STUDIES COURSE

1. Standing in a subject in the Diploma in Business Studies shall require the approval of the Faculty Board on the recommendation of the Head of the Department of Commerce.

2. A candidate will not be eligible for standing in any subject for which credit has been given for the award of another degree or diploma, except as otherwise provided for in succeeding clauses.

3. A candidate who has passed a subject* offered in the postgraduate course in Professional Accounting Studies in the years 1969, 1970, 1971 or 1972 shall be granted standing in the corresponding subject in the Diploma in Business Studies, provided he enrols in the Diploma within five years of having passed such subject.

4. A candidate who has been awarded the Bachelor of Commerce (Honours) Degree specialising in Accounting in the University of Newcastle shall be granted standing in the subject, Accounting Theory.

5. A candidate who has passed either (i) the Master of Commerce qualifying course, or (ii) the equivalent of one full-time year of the course work under clause 9(ii) of the present Master of Commerce requirements within the Department of Commerce in the University of Newcastle or who has been awarded the degree of Master of Commerce for work completed as a student registered in that Department, shall normally be granted standing in the subject, Accounting Theory.

6. A graduate of an approved institution who has completed the honours degree specialising in Accounting or who has completed postgraduate studies considered equivalent to those specified in paragraph (5) above, may be granted standing on the same basis as a graduate of the University of Newcastle.

7. Where a candidate has completed Stage 1 of the Diploma Course he may be granted standing by the Faculty Board in respect of another subject subsequently passed at another University or University College under the following conditions:
   (a) the subject for which standing is granted shall have a reasonable correspondence with a subject included in the Diploma in Business Studies programme; and,
   (b) standing shall not be granted for more than two subjects.

* Auditing, Taxation and Tax Planning and/or Accounting Systems and Computer Applications.
TRANSITIONAL ARRANGEMENTS FOR
THE DIPLOMA IN BUSINESS STUDIES

As from 26th February, 1973, several subjects will be deleted from Group A and the titles of some subjects in Group B will be changed in the Appendix to Requirements for the Diploma in Business Studies. Students who were enrolled in the course prior to 1973 will be granted standing in the new course for subjects corresponding to those already completed. The correspondence between subjects is given in the following schedule:

<table>
<thead>
<tr>
<th>Subjects completed towards Diploma prior to 26th February, 1973.</th>
<th>Subjects of new course for which standing is granted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting Systems and Computer Applications</td>
<td>Accounting Systems and Computer Applications</td>
</tr>
<tr>
<td>Industry Economics</td>
<td>Industry Economics</td>
</tr>
<tr>
<td>Labour Economics</td>
<td>Labour Economics</td>
</tr>
<tr>
<td>Legal Studies I</td>
<td>Legal Studies II</td>
</tr>
<tr>
<td>Legal Studies II</td>
<td>Management Studies I</td>
</tr>
<tr>
<td>Management Studies I</td>
<td>Management Studies II</td>
</tr>
<tr>
<td>Industrial and Administrative Law</td>
<td>Industrial Law</td>
</tr>
</tbody>
</table>

A candidate shall not include in his future programme for the Diploma in Business Studies any subject which is equivalent to part or all of a subject which he has previously passed.

REQUIREMENTS FOR THE DEGREE OF
MASTER OF COMMERCE

1. The degree of Master of Commerce shall be awarded in one grade only.

2. An application to register as a candidate for the degree of Master of Commerce shall be made on the prescribed form and shall be lodged with the Secretary at least one full calendar month before the commencement of the term in which the candidate desires to register.

3. (i) An applicant for registration for the degree shall have satisfied all the requirements for admission to the degree of Bachelor of Commerce in the University of Newcastle or to an appropriate degree of this or any other university approved for this purpose by the Faculty Board of the Faculty of Economics and Commerce (hereinafter referred to as the "Faculty Board").

   (ii) In exceptional cases an applicant possessing other qualifications may on the recommendation of the Faculty Board be permitted by the Senate to register as a candidate for the degree.

4. The Faculty Board may require an applicant to demonstrate fitness for registration by carrying out such work and sitting for such examinations as the Faculty Board may determine.

5. An applicant for registration shall apply to pursue his studies for the degree of Master of Commerce in either of two ways. The first shall consist primarily of research and the submission of a thesis. The second shall consist of a programme of lectures and other coursework and the submission of a dissertation (hereinafter referred to as "research and thesis" and "coursework and dissertation" respectively).

6. Before permitting an applicant to register as a candidate for the degree, the Faculty Board shall be satisfied that adequate supervision and other facilities are available.

7. An applicant for registration shall have his programme, and in the case of a candidate for the degree by research and thesis the subject of his thesis, approved by the Faculty Board on the recommendation of the Head of Department before being permitted to register.

8. A candidate shall register as either a full-time or a part-time student.
9. (i) A candidate for the degree by research and thesis shall pursue his investigations under the direction of a supervisor appointed by the Faculty Board.

(ii) Such a candidate may be required to attend such lecture courses, seminars and other supervised study and pass such examinations at such standard as the Faculty Board may determine, before being permitted to proceed with his programme of research.

(iii) Such a candidate shall be examined by means of a thesis embodying the results of an original investigation and may be examined orally on the subject of his thesis.

10. A candidate for the degree by coursework and dissertation shall pursue a course of formal study by attending such lecture courses, seminars and other supervised study as the Faculty Board may determine.

(i) Such a candidate who has obtained an appropriate Bachelor's degree with Honours or has postgraduate qualifications may be granted such advanced standing as the Faculty Board recommends.

(ii) Such a candidate shall be examined by means of written annual examinations in the subjects studied and by a dissertation on a topic approved by the Faculty Board and, at the discretion of the examiner, he may also be examined orally on the subjects studied or the dissertation.

11. The degree shall not be conferred on a full-time student before the lapse of six complete terms and on a part-time student before the lapse of nine complete terms from the date on which the registration becomes effective, save that in the case of a candidate who has obtained the degree of Bachelor with Honours or who has had lengthy research experience, this period may be reduced by the Faculty Board by up to three terms for full-time students and four terms for part-time students.

12. Except with the permission of the Faculty Board, a candidate for the degree by coursework and dissertation shall submit the dissertation not later than the end of February in the year subsequent to the second full-time or third part-time year of registration.

* Refer to Policy in Relation to the Operation of Clause 9 (ii) of The Requirements for the Degree of Master of Commerce on page 160.

† The Degree by Coursework and Dissertation is only offered in the Department of Economics at present and further details of this degree course are available in the Brochure, "Graduate Studies in Economics."
POLICY IN RELATION TO THE OPERATION OF CLAUSE 9 (ii) OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF COMMERCE

1. In the normal case, a candidate who has satisfied the requirements for admission to the Bachelor of Commerce (Honours) degree in the University of Newcastle shall be permitted to proceed with his programme of research and thesis without having to undertake additional work.

2. In the normal case, a candidate who has satisfied the requirements for admission to the Bachelor of Commerce (Ordinary) degree in the University of Newcastle shall be required to satisfactorily complete not more than one additional full-time year's work or its equivalent.

3. In the case of a student whose programme extends over more than three terms, permission to proceed with his research and thesis shall be determined on completion of the first year of the programme specified by the Faculty Board.

4. Candidates who have graduated with a pass or ordinary degree from another university shall be required to satisfactorily complete a programme equivalent to that prescribed for Newcastle graduates, with the proviso that such a candidate may be required to complete additional work in order to undertake a particular research programme and thesis. An honours graduate from another university shall be permitted to proceed with a programme of research and thesis without having to undertake additional work unless it is essential to his particular programme.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

1. The degree of Doctor of Philosophy may be awarded by the Council on the recommendation of the Senate to a candidate who has satisfied the following requirements.

2. A candidate for registration for the degree of Doctor of Philosophy shall:

(i) have satisfied all of the requirements for admission to the degree of master or the degree of bachelor with first or second class honours in the University of Newcastle or a degree from another University recognised by the Senate as having equivalent standing;

or

(ii) have satisfied all of the requirements for admission to the degree of bachelor with third class honours or without honours in the University of Newcastle or a degree from another University recognised by the Senate as having equivalent standing, and have achieved by subsequent work and study a standard recognised by the Senate as equivalent to at least second class honours;

or

(iii) in exceptional cases submit such other evidence of general and professional qualifications as may be approved by the Senate.

3. The Senate may require a candidate, before he is permitted to register, to undergo such examination or carry out such work as it may prescribe.

4. A candidate for registration for a course of study leading to the degree of Ph.D. shall:

(i) apply on the prescribed form at least one calendar month before the commencement of the term in which he desires to register;

and

(ii) submit with his application a certificate from the Head of the Department in which he proposes to study stating that the candidate is a fit person to undertake a course of study or research leading to the Ph.D. degree and that the Department is willing to undertake the responsibility of supervising the work of the candidate.
5. Before being admitted to candidature an applicant shall satisfy the Senate that he can devote sufficient time to his advanced study and research.

6. Subsequent to registration, the candidate shall pursue a course of advanced study and research for at least nine academic terms, save that any candidate who before registration was engaged upon research to the satisfaction of the Senate, may be exempted from three academic terms.

7. A candidate shall present himself for examination not later than fifteen academic terms from the date of his registration, unless special permission for an extension of time be granted by the Senate.

8. The course, other than field work, must be carried out in a Department of the University, under the direction of a supervisor appointed by the Senate, or under such conditions as the Senate may determine, save that a candidate may be granted special permission by the Senate to spend a period of not more than three academic terms in research at another institution approved by the Senate.

9. Not later than three academic terms after registration the candidate shall submit the subject of his thesis for approval by the Senate. After the subject has been approved it may not be changed except with the permission of the Senate.

10. A candidate may be required to attend a formal course of study appropriate to his work.

11. On completing his course of study every candidate shall submit a thesis which complies with the following requirements:

(i) The greater proportion of the work described must have been completed subsequent to registration for the Ph.D. degree.

(ii) It must be a distinct contribution to the knowledge of the subject.

(iii) It must be written in English or in a language approved by the Senate and reach a satisfactory standard of literary presentation.

12. The thesis shall consist of the candidate's own account of his research. In special cases work done conjointly with other persons may be accepted provided the Senate is satisfied on the candidate's part in the joint research.

13. Every candidate shall be required to submit with his thesis a short abstract of the thesis comprising not more than 300 words.

14. A candidate may not submit as the main content of his thesis any work or material which he has previously submitted for a University degree or other similar award.

15. The candidate shall give in writing three months' notice of his intention to submit his thesis and such notice shall be accompanied by the appropriate fee.

16. Four copies of the thesis shall be submitted together with a certificate from the supervisor that the candidate has completed the course of study prescribed in his case and that the thesis is fit for examination.

17. The thesis shall be in double-spaced typescript. The original copy for deposit in the Library shall be prepared and bound in a form approved by the University. The other three copies shall be bound in such manner as allows their transmission to the examiners without possibility of disarrangement.

18. It shall be understood that the University retains four copies of the thesis and is free to allow the thesis to be consulted or borrowed. Subject to the provisions of the Copyright Act (1968) the University may issue the thesis in whole or in part in photostat or microfilm or other copying medium.

19. The candidate may also submit as separate supporting documents any work he has published, whether or not it bears on the subject of the thesis.

20. The Senate shall appoint three examiners of whom at least two shall not be members of the teaching staff of the University.

21. The examiners may require the candidate to answer, viva voce or in writing, any questions concerning the subject of his thesis or work.

22. The result of the examination shall be in accordance with the decision of a majority of the examiners.

23. A candidate permitted to re-submit his thesis for examination shall do so within a period of twelve months from the date on which he is advised of the result of the first examination.
REQUIREMENTS FOR THE DEGREE OF
DOCTOR OF SCIENCE

1. The degree of Doctor of Science may be awarded by the Council, on the recommendation of the Senate, for an original contribution or contributions of distinguished merit adding to the knowledge or understanding of any branch of learning with which the Faculty is concerned.

2. An applicant for registration for the degree of Doctor of Science shall hold a degree of the University of Newcastle or a degree from another University recognised by the Senate as being equivalent or shall have been admitted to the status of such a degree.

3. The degree shall be awarded on published work although additional unpublished work may also be considered.

4. Every candidate in submitting his published work and such unpublished work as he deems appropriate shall submit a short discourse describing the research embodied in his submission. The discourse shall make clear the extent of originality and the candidate's part in any collaborative work.

5. An applicant for registration to the Secretary a statement of his academic qualifications together with:
(a) four copies of the work, published or unpublished, which he desires to submit; and
(b) a Statutory Declaration indicating those sections of the work, if any, which have been previously submitted for a degree or diploma in any other University.

6. The Senate shall appoint three examiners of whom at least two shall not be members of the teaching staff of the University.

7. The examiners may require the candidate to answer, viva voce or in writing, any questions concerning his work.

8. The result of the examination shall be in accordance with the decision of a majority of the examiners.

* In these requirements, the term “published work” shall mean printed in a periodical or as a pamphlet or as a book readily available to the public. The examiners are given discretion to disregard any of the work submitted if, in their opinion, the work has not been so available for criticism.

EXTRA-CURRICULAR COURSES

A number of extra-curricular courses which may be of interest to Faculty students will be available within the University during the academic year 1974.

FORTRAN PROGRAMMING

The Mathematics Department offers as part of Mathematics I, lectures in Fortran Programming for the University's ICL 1904A computer. The course should be of major interest to Honours students.